Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051826.D
Acq On : 28 Dec 2021 7:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 29 07:00:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020463

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	41960	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.107	136	172336	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	117484	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	272815	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	243759	20.000	ng/ul	#-0.01
88) Perylene-d12	25.476	264	225331	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	8214	8.130	ng/uL	0.00
4) Pyridine-d5	4.029	84	71194	23.322	ng/ul	-0.02
7) Phenol-d5	7.412	99	81836	21.843	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.577	67	49385	22.174	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	58046	22.277	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	62528	21.592	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	29691	23.499	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	32561	23.574	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	64242	21.448	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.236	131	76833	19.483	ng/ul	0.00
46) Dimethylphthalate-d6	14.297	166	186165	19.798	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	245561	21.027	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.078	143	24800	16.218	ng/ul	0.00
60) Fluorene-d10	15.895	176	165856	19.687	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.001	200	28206	19.844	ng/ul	-0.01
73) Anthracene-d10	17.751	188	263292	20.231	ng/ul	-0.01
81) Pyrene-d10	20.030	212	309889	21.123	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	253698	21.398	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	9525	9.033	ng/uL	96
5) Pyridine	4.046	79	72014	23.515	ng/ul	92
6) Benzaldehyde	7.395	77	58565	25.055	ng/ul	97
8) Phenol	7.436	94	84003	22.549	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.671	93	59561	20.957	ng/ul	93
12) 2-Chlorophenol	7.829	128	58929	22.047	ng/ul	97
13) 2-Methylphenol	8.705	108	60397	21.488	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.793	45	86545	22.450	ng/ul	98
16) Acetophenone	9.098	105	94527	20.780	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.075	70	56187	20.585	ng/ul	98
18) 4-Methylphenol	9.034	108	64938	21.920	ng/ul	94
19) Hexachloroethane	9.374	117	24751	21.223	ng/ul	85
22) Nitrobenzene	9.486	77	85510	23.268	ng/ul	95
23) Isophorone	10.009	82	151543	20.540	ng/ul#	98
25) 2-Nitrophenol	10.203	139	33792	22.888	ng/ul	91
26) 2,4-Dimethylphenol	10.255	107	74877	21.049	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.490	93	81465	20.794	ng/ul	94
29) 2,4-Dichlorophenol	10.749	162	62132	21.801	ng/ul	95
30) Naphthalene	11.160	128	192623	20.746	ng/ul	96
32) 4-Chloroaniline	11.254	127	79332	19.700	ng/ul	97
33) Hexachlorobutadiene	11.448	225	47448	19.610	ng/ul	95
34) Caprolactam	12.006	113	19170	22.218	ng/ul	87
35) 4-Chloro-3-methylphenol	12.364	107	68660	21.501	ng/ul	94
36) 2-Methylnaphthalene	12.752	142	136541	20.614	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051826.D
Acq On : 28 Dec 2021 7:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020463

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 29 07:00:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.969	142	136789	19.889	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	13.116	216	88866	21.746	ng/ul	96
40)	Hexachlorocyclopentadiene	13.099	237	61052	20.576	ng/ul#	97
41)	2,4,6-Trichlorophenol	13.345	196	53714	21.713	ng/ul	89
42)	2,4,5-Trichlorophenol	13.422	196	59192	22.831	ng/ul	97
43)	1,1'-Biphenyl	13.745	154	188694	20.967	ng/ul#	95
44)	2-Chloronaphthalene	13.792	162	147634	21.219	ng/ul	99
45)	2-Nitroaniline	13.980	65	53992	25.403	ng/ul	92
47)	Dimethylphthalate	14.344	163	181397	19.870	ng/ul	98
48)	2,6-Dinitrotoluene	14.467	165	40803	23.380	ng/ul	94
50)	Acenaphthylene	14.632	152	237468	20.783	ng/ul	97
51)	3-Nitroaniline	14.796	138	38347	22.979	ng/ul	95
52)	Acenaphthene	14.973	153	154953	20.528	ng/ul	95
53)	2,4-Dinitrophenol	14.996	184	20775	20.593	ng/ul#	79
55)	4-Nitrophenol	15.096	109	27951	17.037	ng/ul#	82
56)	Dibenzofuran	15.302	168	224155	20.164	ng/ul	99
57)	2,4-Dinitrotoluene	15.249	165	57224	23.134	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.525	232	51431	20.873	ng/ul#	87
59)	Diethylphthalate	15.701	149	185773	19.534	ng/ul	97
61)	Fluorene	15.954	166	181116	19.773	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.936	204	101535	19.901	ng/ul	92
63)	4-Nitroaniline	15.954	138	36520	21.338	ng/ul#	85
66)	4,6-Dinitro-2-methylph...	16.012	198	27546	19.733	ng/ul#	97
67)	N-Nitrosodiphenylamine	16.148	169	155002	21.123	ng/ul	97
68)	4-Bromophenyl-phenylether	16.835	248	66212	23.831	ng/ul	86
69)	Hexachlorobenzene	16.964	284	72560	20.783	ng/ul	93
70)	Atrazine	17.087	200	66217	20.110	ng/ul	97
71)	Pentachlorophenol	17.299	266	43024	20.113	ng/ul	96
72)	Phenanthrene	17.698	178	285360	20.336	ng/ul	98
74)	Anthracene	17.786	178	284369	20.060	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.716	216	97356	23.196	ng/uL	93
76)	Pentachlorobenzene	15.225	250	89339	22.267	ng/uL	98
77)	Carbazole	18.051	167	253556	19.975	ng/ul	97
78)	Di-n-butylphthalate	18.597	149	307623	20.137	ng/ul	99
80)	Fluoranthene	19.696	202	360808	21.426	ng/ul#	93
82)	Pyrene	20.060	202	346094	20.768	ng/ul#	89
83)	Butylbenzylphthalate	20.929	149	125653	22.483	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.852	252	88211	15.355	ng/ul#	97
85)	Benzo(a)anthracene	21.957	228	338229	21.327	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.840	149	179053	22.872	ng/ul#	99
87)	Chrysene	22.028	228	318224	20.770	ng/ul	98
89)	Di-n-octyl phthalate	23.144	149	297908	24.546	ng/ul	100
90)	Benzo(b)fluoranthene	24.354	252	328476	21.763	ng/ul#	95
91)	Benzo(k)fluoranthene	24.430	252	303597	21.480	ng/ul#	96
93)	Benzo(a)pyrene	25.306	252	302692	21.250	ng/ul#	93
94)	Indeno(1,2,3-cd)pyrene	29.506	276	259428m	16.682	ng/ul	
95)	Dibenzo(a,h)anthracene	29.565	278	224937m	16.935	ng/ul	
96)	Benzo(g,h,i)perylene	30.763	276	204720m	15.534	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051826.D
Acq On : 28 Dec 2021 7:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 29 07:00:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020463

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021