Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010422\
Data File : BG051865.D
Acq On : 4 Jan 2022 11:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020470

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/04/2022
Supervised By :Yogesh Patel 01/08/2022

Quant Time: Jan 04 11:57:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 31 00:13:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	28193	20.000	ng/ul	0.00
20) Naphthalene-d8	11.104	136	117916	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.899	164	84370	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	219329	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.960	240	218578	20.000	ng/ul	# 0.00
88) Perylene-d12	25.449	264	216888	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.591	96	5675	8.360	ng/uL	0.00
4) Pyridine-d5	4.019	84	43919	21.412	ng/ul	0.00
7) Phenol-d5	7.403	99	51209	20.343	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.573	67	32458	21.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.791	132	36370	20.774	ng/ul	0.00
15) 4-Methylphenol-d8	8.966	113	38817	19.949	ng/ul	0.00
21) Nitrobenzene-d5	9.436	128	18422	21.309	ng/ul	0.00
24) 2-Nitrophenol-d4	10.170	143	18780	19.872	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.716	165	38909	18.985	ng/ul	0.00
31) 4-Chloroaniline-d4	11.227	131	51109	18.941	ng/ul	0.00
46) Dimethylphthalate-d6	14.288	166	129823	19.225	ng/ul	0.00
49) Acenaphthylene-d8	14.593	160	161356	19.239	ng/ul	0.00
54) 4-Nitrophenol-d4	15.075	143	23191	21.118	ng/ul	0.00
60) Fluorene-d10	15.886	176	114719	18.961	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	23876	20.894	ng/ul	0.00
73) Anthracene-d10	17.742	188	203225	19.424	ng/ul	0.00
81) Pyrene-d10	20.021	212	263331	20.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.203	264	220534	19.325	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.626	88	6679	9.427	ng/uL#	89
5) Pyridine	4.043	79	47798	23.229	ng/ul	97
6) Benzaldehyde	7.385	77	38781	24.693	ng/ul	99
8) Phenol	7.432	94	53028	21.185	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.667	93	39689	20.784	ng/ul	94
12) 2-Chlorophenol	7.826	128	36786	20.483	ng/ul	92
13) 2-Methylphenol	8.701	108	38200	20.227	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.795	45	60145	23.220	ng/ul	99
16) Acetophenone	9.095	105	62060	20.305	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.071	70	37780	20.600	ng/ul#	96
18) 4-Methylphenol	9.036	108	39788	19.989	ng/ul	86
19) Hexachloroethane	9.371	117	15557	19.853	ng/ul#	82
22) Nitrobenzene	9.477	77	56077	22.301	ng/ul	92
23) Isophorone	10.005	82	99877	19.785	ng/ul	98
25) 2-Nitrophenol	10.199	139	21460	21.243	ng/ul	92
26) 2,4-Dimethylphenol	10.252	107	45533	18.708	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.487	93	52882	19.728	ng/ul	99
29) 2,4-Dichlorophenol	10.740	162	38293	19.638	ng/ul	96
30) Naphthalene	11.157	128	121294	19.093	ng/ul	97
32) 4-Chloroaniline	11.251	127	52458	19.039	ng/ul	98
33) Hexachlorobutadiene	11.445	225	30212	18.249	ng/ul	97
34) Caprolactam	12.003	113	13937m	23.607	ng/ul	
35) 4-Chloro-3-methylphenol	12.361	107	42430	19.420	ng/ul	97
36) 2-Methylnaphthalene	12.743	142	87093	19.217	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.960	142	88376	18.780	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.107	216	55705	18.982	ng/ul	98
40)	Hexachlorocyclopentadiene	13.090	237	42193	19.801	ng/ul	98
41)	2,4,6-Trichlorophenol	13.342	196	35346	19.896	ng/ul	98
42)	2,4,5-Trichlorophenol	13.413	196	39007	20.950	ng/ul	90
43)	1,1'-Biphenyl	13.736	154	123103	19.048	ng/ul	93
44)	2-Chloronaphthalene	13.783	162	93929	18.799	ng/ul	98
45)	2-Nitroaniline	13.977	65	35388	23.184	ng/ul	95
47)	Dimethylphthalate	14.335	163	127423	19.436	ng/ul	98
48)	2,6-Dinitrotoluene	14.458	165	27221	21.719	ng/ul	99
50)	Acenaphthylene	14.629	152	158365	19.299	ng/ul	96
51)	3-Nitroaniline	14.787	138	26318	21.961	ng/ul#	79
52)	Acenaphthene	14.963	153	104896	19.350	ng/ul	98
53)	2,4-Dinitrophenol	14.993	184	17335	23.927	ng/ul	92
55)	4-Nitrophenol	15.093	109	25566	21.699	ng/ul	86
56)	Dibenzofuran	15.298	168	152299	19.077	ng/ul	96
57)	2,4-Dinitrotoluene	15.245	165	39647	22.319	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.516	232	36915	20.862	ng/ul#	88
59)	Diethylphthalate	15.692	149	133140	19.495	ng/ul	97
61)	Fluorene	15.944	166	128334	19.509	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.927	204	69663	19.013	ng/ul	97
63)	4-Nitroaniline	15.950	138	28972	23.572	ng/ul	89
66)	4,6-Dinitro-2-methylph...	16.009	198	23243	20.711	ng/ul	95
67)	N-Nitrosodiphenylamine	16.138	169	112806	19.122	ng/ul	94
68)	4-Bromophenyl-phenylether	16.826	248	49000	21.937	ng/ul#	86
69)	Hexachlorobenzene	16.955	284	54982	19.588	ng/ul#	88
70)	Atrazine	17.078	200	52345	19.774	ng/ul	97
71)	Pentachlorophenol	17.290	266	38004	22.098	ng/ul	94
72)	Phenanthrene	17.689	178	220688	19.563	ng/ul	100
74)	Anthracene	17.777	178	221766	19.459	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.706	216	61214	18.142	ng/uL	96
76)	Pentachlorobenzene	15.216	250	58585	18.162	ng/uL	99
77)	Carbazole	18.042	167	209094	20.489	ng/ul	97
78)	Di-n-butylphthalate	18.588	149	246869	20.101	ng/ul	99
80)	Fluoranthene	19.686	202	305544	20.234	ng/ul#	90
82)	Pyrene	20.051	202	297793	19.928	ng/ul#	88
83)	Butylbenzylphthalate	20.920	149	101090	20.172	ng/ul#	97
84)	3,3'-Dichlorobenzidine	21.842	252	104080	20.204	ng/ul#	97
85)	Benzo(a)anthracene	21.942	228	284160	19.982	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.825	149	142345	20.278	ng/ul#	100
87)	Chrysene	22.013	228	264442	19.248	ng/ul	98
89)	Di-n-octyl phthalate	23.123	149	232523	19.904	ng/ul	100
90)	Benzo(b)fluoranthene	24.327	252	284003	19.549	ng/ul#	95
91)	Benzo(k)fluoranthene	24.404	252	260828	19.172	ng/ul#	95
93)	Benzo(a)pyrene	25.279	252	262633	19.156	ng/ul#	94
94)	Indeno(1,2,3-cd)pyrene	29.461	276	293201	19.588	ng/ul#	88
95)	Dibenzo(a,h)anthracene	29.526	278	241075	18.857	ng/ul#	92
96)	Benzo(g,h,i)perylene	30.713	276	247041	19.476	ng/ul#	89

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

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