Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050775.D
Acq On : 28 Oct 2021 14:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020534

Manual Integrations APPROVED
mohammad
10/29/2021 2:21:52 PM

Quant Time: Oct 28 14:50:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	35087	20.000	ng/ul	0.00
20) Naphthalene-d8	11.076	136	159823	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.871	164	110613	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.621	188	251838	20.000	ng/ul	0.00
79) Chrysene-d12	21.928	240	199962	20.000	ng/ul	0.00
88) Perylene-d12	25.353	264	204465	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.602	96	9108	10.228	ng/uL	0.00
4) Pyridine-d5	4.025	84	68222	24.192	ng/ul	0.00
7) Phenol-d5	7.386	99	82781	25.389	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.556	67	52062	24.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.774	132	58718	25.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.943	113	64087	25.457	ng/ul	0.00
21) Nitrobenzene-d5	9.419	128	29125	23.875	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	34458	25.048	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.688	165	59722	24.720	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	91766	25.881	ng/ul	0.00
46) Dimethylphthalate-d6	14.266	166	188146	24.085	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	238025	24.535	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	35776	25.305	ng/ul	0.00
60) Fluorene-d10	15.864	176	164119	24.447	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	33458	22.703	ng/ul	0.00
73) Anthracene-d10	17.721	188	260815	24.155	ng/ul	0.00
81) Pyrene-d10	19.995	212	275506	24.177	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.118	264	249498	23.717	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.637	88	10142	9.181	ng/uL#	90
5) Pyridine	4.043	79	73199	24.963	ng/ul	97
6) Benzaldehyde	7.374	77	26908	16.540	ng/ul	97
8) Phenol	7.415	94	88169	25.922	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.650	93	63692	24.821	ng/ul	99
12) 2-Chlorophenol	7.803	128	59058	25.655	ng/ul#	90
13) 2-Methylphenol	8.678	108	63394	25.174	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.767	45	100366	24.774	ng/ul	99
16) Acetophenone	9.072	105	100921	25.597	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.049	70	59795	25.075	ng/ul	93
18) 4-Methylphenol	9.007	108	68224	25.687	ng/ul	97
19) Hexachloroethane	9.336	117	25321	25.490	ng/ul	95
22) Nitrobenzene	9.460	77	85443	24.099	ng/ul	99
23) Isophorone	9.983	82	162720	24.143	ng/ul	99
25) 2-Nitrophenol	10.177	139	35704	24.907	ng/ul	98
26) 2,4-Dimethylphenol	10.224	107	78422	25.024	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.459	93	88613	24.248	ng/ul	98
29) 2,4-Dichlorophenol	10.717	162	58594	25.103	ng/ul	94
30) Naphthalene	11.123	128	202038	24.781	ng/ul	99
32) 4-Chloroaniline	11.228	127	93571	26.277	ng/ul	98
33) Hexachlorobutadiene	11.399	225	38803	24.530	ng/ul	99
34) Caprolactam	11.986	113	23558m	24.316	ng/ul	
35) 4-Chloro-3-methylphenol	12.333	107	74149	25.516	ng/ul	93
36) 2-Methylnaphthalene	12.715	142	135345	24.821	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050775.D
Acq On : 28 Oct 2021 14:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020534

Manual Integrations APPROVED
mohammad
10/29/2021 2:21:52 PM

Quant Time: Oct 28 14:50:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.932	142	138628	25.171	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.073	216	74654	24.294	ng/ul	98
40) Hexachlorocyclopentadiene	13.050	237	31935	19.335	ng/ul	95
41) 2,4,6-Trichlorophenol	13.314	196	50690	25.061	ng/ul	96
42) 2,4,5-Trichlorophenol	13.385	196	53496	25.061	ng/ul	98
43) 1,1'-Biphenyl	13.708	154	181475	23.679	ng/ul	99
44) 2-Chloronaphthalene	13.755	162	144218	24.299	ng/ul	98
45) 2-Nitroaniline	13.955	65	56698	23.952	ng/ul	92
47) Dimethylphthalate	14.313	163	190035	24.226	ng/ul	99
48) 2,6-Dinitrotoluene	14.442	165	39844	24.649	ng/ul	92
50) Acenaphthylene	14.601	152	239436	24.141	ng/ul	99
51) 3-Nitroaniline	14.777	138	33341	21.345	ng/ul	94
52) Acenaphthene	14.936	153	156725	24.187	ng/ul	97
53) 2,4-Dinitrophenol	14.983	184	18921	20.987	ng/ul#	86
55) 4-Nitrophenol	15.071	109	34302	25.231	ng/ul	93
56) Dibenzofuran	15.271	168	224059	24.456	ng/ul	96
57) 2,4-Dinitrotoluene	15.230	165	57965	24.993	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.494	232	43893	26.379	ng/ul	91
59) Diethylphthalate	15.664	149	206860	24.685	ng/ul	97
61) Fluorene	15.917	166	180098	24.765	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.905	204	95476	24.894	ng/ul	98
63) 4-Nitroaniline	15.935	138	31135	21.294	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.993	198	32103	22.550	ng/ul	92
67) N-Nitrosodiphenylamine	16.117	169	161033	24.064	ng/ul	97
68) 4-Bromophenyl-phenylether	16.798	248	58099	24.486	ng/ul	94
69) Hexachlorobenzene	16.922	284	59880	24.710	ng/ul	96
70) Atrazine	17.057	200	68725	23.990	ng/ul	97
71) Pentachlorophenol	17.262	266	30714	24.872	ng/ul	95
72) Phenanthrene	17.662	178	304252	24.168	ng/ul	99
74) Anthracene	17.756	178	307433	24.481	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.678	216	82145	24.396	ng/uL	99
76) Pentachlorobenzene	15.188	250	73616	23.672	ng/uL	99
77) Carbazole	18.020	167	285305	24.467	ng/ul	100
78) Di-n-butylphthalate	18.555	149	355975	24.171	ng/ul	99
80) Fluoranthene	19.666	202	348747	24.013	ng/ul	99
82) Pyrene	20.024	202	343050	24.156	ng/ul	98
83) Butylbenzylphthalate	20.893	149	138446	22.996	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.810	252	93067	20.983	ng/ul	99
85) Benzo(a)anthracene	21.910	228	304214	23.988	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.775	149	202692	23.658	ng/ul	97
87) Chrysene	21.975	228	294766	24.412	ng/ul	98
89) Di-n-octyl phthalate	23.056	149	345682	23.222	ng/ul	100
90) Benzo(b)fluoranthene	24.254	252	302102m	23.148	ng/ul	
91) Benzo(k)fluoranthene	24.331	252	293926	24.166	ng/ul	100
93) Benzo(a)pyrene	25.188	252	298935	23.897	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.284	276	334936	24.230	ng/ul	96
95) Dibenzo(a,h)anthracene	29.360	278	287095	24.148	ng/ul	100
96) Benzo(g,h,i)perylene	30.523	276	281869	24.408	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050775.D
Acq On : 28 Oct 2021 14:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 28 14:50:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020534

Manual Integrations APPROVED
mohammad
10/29/2021 2:21:52 PM