Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049711.D
Acq On : 7 Aug 2021 18:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020479

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:04 PM

Quant Time: Aug 08 08:57:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	28990	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	118734	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	79011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	173386	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	162844	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	166426	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	5277m	8.510	ng/uL	0.01
4) Pyridine-d5	3.857	84	35914	19.302	ng/ul	0.00
7) Phenol-d5	7.199	99	52105	19.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	28911	19.130	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	35662	18.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.750	113	39164	19.523	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	19373	20.713	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	22350	20.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	39505	19.615	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	51112	18.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	124473	20.075	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	141739	19.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	19324	19.276	ng/ul	0.00
60) Fluorene-d10	15.688	176	104321	19.573	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	19906	17.058	ng/ul	0.00
73) Anthracene-d10	17.544	188	161636	19.749	ng/ul	0.00
81) Pyrene-d10	19.829	212	176774	19.702	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.781	264	181024	19.851	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	5564	7.405	ng/uL	94
5) Pyridine	3.874	79	35090	17.010	ng/ul#	74
6) Benzaldehyde	7.176	77	24336	17.356	ng/ul#	87
8) Phenol	7.229	94	49024	18.808	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.458	93	35447	19.601	ng/ul	90
12) 2-Chlorophenol	7.604	128	36076	19.157	ng/ul	92
13) 2-Methylphenol	8.486	108	40284	19.737	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.562	45	40939	19.808	ng/ul#	86
16) Acetophenone	8.867	105	63877	19.186	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.850	70	33749	18.855	ng/ul	96
18) 4-Methylphenol	8.815	108	42972	20.153	ng/ul	89
19) Hexachloroethane	9.132	117	17991	21.542	ng/ul	91
22) Nitrobenzene	9.255	77	56240	20.277	ng/ul	99
23) Isophorone	9.778	82	95934	20.454	ng/ul	98
25) 2-Nitrophenol	9.972	139	22004	20.112	ng/ul#	87
26) 2,4-Dimethylphenol	10.025	107	50439	19.977	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.260	93	49628	20.885	ng/ul	95
29) 2,4-Dichlorophenol	10.506	162	39056	20.502	ng/ul	93
30) Naphthalene	10.918	128	128379	20.704	ng/ul	99
32) 4-Chloroaniline	11.023	127	50951	19.311	ng/ul	96
33) Hexachlorobutadiene	11.194	225	31058	19.848	ng/ul	94
34) Caprolactam	11.781	113	10875m	17.856	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	45649	20.677	ng/ul	95
36) 2-Methylnaphthalene	12.521	142	93281	19.647	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	89447	19.361	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.886	216	52678	21.467	ng/ul	95
40) Hexachlorocyclopentadiene	12.862	237	22788	15.745	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.126	196	33541	21.360	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.203	196	34763	20.632	ng/ul	93
43) 1,1'-Biphenyl	13.526	154	120900	20.541	ng/ul	98
44) 2-Chloronaphthalene	13.573	162	98263	21.327	ng/ul	95
45) 2-Nitroaniline	13.773	65	33458	20.627	ng/ul	95
47) Dimethylphthalate	14.137	163	123875	20.128	ng/ul	97
48) 2,6-Dinitrotoluene	14.266	165	25429	20.231	ng/ul	96
50) Acenaphthylene	14.419	152	146375	21.031	ng/ul	97
51) 3-Nitroaniline	14.601	138	20655	18.458	ng/ul	95
52) Acenaphthene	14.760	153	101730	20.463	ng/ul	98
53) 2,4-Dinitrophenol	14.812	184	10423	15.051	ng/ul	88
55) 4-Nitrophenol	14.906	109	25227	19.242	ng/ul	93
56) Dibenzofuran	15.094	168	138984	20.153	ng/ul	96
57) 2,4-Dinitrotoluene	15.053	165	37498	20.682	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.323	232	30224	21.768	ng/ul	98
59) Diethylphthalate	15.500	149	128699	20.740	ng/ul	97
61) Fluorene	15.746	166	115781	20.645	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.729	204	63597	20.829	ng/ul	98
63) 4-Nitroaniline	15.758	138	19912	19.032	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.823	198	19638	17.959	ng/ul	93
67) N-Nitrosodiphenylamine	15.946	169	95018	19.883	ng/ul	94
68) 4-Bromophenyl-phenylether	16.628	248	41704	20.678	ng/ul	97
69) Hexachlorobenzene	16.751	284	47251	20.696	ng/ul#	93
70) Atrazine	16.892	200	42449	20.193	ng/ul	92
71) Pentachlorophenol	17.098	266	20272	18.540	ng/ul#	85
72) Phenanthrene	17.491	178	187833	20.468	ng/ul	98
74) Anthracene	17.579	178	188338	20.516	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.497	216	49801	19.555	ng/uL	97
76) Pentachlorobenzene	15.012	250	56324	20.971	ng/uL	94
77) Carbazole	17.849	167	159688	19.466	ng/ul	95
78) Di-n-butylphthalate	18.402	149	206554	20.594	ng/ul	100
80) Fluoranthene	19.500	202	230402	20.807	ng/ul	98
82) Pyrene	19.858	202	225118	20.383	ng/ul	99
83) Butylbenzylphthalate	20.740	149	91048	21.632	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.615	252	69603	18.054	ng/ul	92
85) Benzo(a)anthracene	21.709	228	216967	20.293	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.597	149	128104	20.778	ng/ul#	99
87) Chrysene	21.779	228	206158	20.646	ng/ul	98
89) Di-n-octyl phthalate	22.831	149	212514	20.471	ng/ul	100
90) Benzo(b)fluoranthene	23.965	252	220609	20.281	ng/ul	99
91) Benzo(k)fluoranthene	24.029	252	215642	19.965	ng/ul	98
93) Benzo(a)pyrene	24.852	252	200572	20.945	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.752	276	250654	19.946	ng/ul	98
95) Dibenzo(a,h)anthracene	28.817	278	213656	20.380	ng/ul	98
96) Benzo(g,h,i)perylene	29.927	276	208192	19.922	ng/ul	98

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

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