Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049722.D
Acq On : 8 Aug 2021 3:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020480

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:27 PM

Quant Time: Aug 09 03:00:22 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	30551	20.000	ng/ul		0.00
20) Naphthalene-d8	10.865	136	128547	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.695	164	85033	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.450	188	185470	20.000	ng/ul		0.00
79) Chrysene-d12	21.732	240	170955	20.000	ng/ul	#	0.00
88) Perylene-d12	25.016	264	174814	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.433	96	4255	6.512	ng/uL		0.00
4) Pyridine-d5	3.851	84	35061	17.880	ng/ul		0.00
7) Phenol-d5	7.205	99	52625	18.980	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	30006	18.840	ng/ul		0.00
11) 2-Chlorophenol-d4	7.575	132	38852	19.578	ng/ul		0.00
15) 4-Methylphenol-d8	8.756	113	40425	19.122	ng/ul		0.00
21) Nitrobenzene-d5	9.214	128	20574	20.318	ng/ul		0.00
24) 2-Nitrophenol-d4	9.936	143	24027	20.777	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.483	165	45684	20.951	ng/ul		0.00
31) 4-Chloroaniline-d4	11.000	131	57599	19.296	ng/ul		0.00
46) Dimethylphthalate-d6	14.095	166	133298	19.976	ng/ul		0.00
49) Acenaphthylene-d8	14.389	160	154823	19.502	ng/ul		0.00
54) 4-Nitrophenol-d4	14.894	143	21653	20.069	ng/ul		0.00
60) Fluorene-d10	15.687	176	114401	19.944	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	23469	18.801	ng/ul		0.00
73) Anthracene-d10	17.544	188	175229	20.015	ng/ul		0.00
81) Pyrene-d10	19.835	212	186107	19.758	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.787	264	188734	19.704	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.457	88	5428	6.854	ng/uL		95
5) Pyridine	3.874	79	37565	17.279	ng/ul		97
6) Benzaldehyde	7.175	77	25382	17.177	ng/ul#		80
8) Phenol	7.228	94	53337	19.417	ng/ul		96
10) Bis(2-Chloroethyl)ether	7.457	93	36943	19.385	ng/ul		92
12) 2-Chlorophenol	7.604	128	40004	20.158	ng/ul		99
13) 2-Methylphenol	8.491	108	42615	19.813	ng/ul		96
14) 2,2'-oxybis(1-Chloropr...	8.574	45	44379	20.376	ng/ul		95
16) Acetophenone	8.873	105	69180	19.717	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.850	70	35809	18.984	ng/ul#		88
18) 4-Methylphenol	8.820	108	45183	20.107	ng/ul		87
19) Hexachloroethane	9.132	117	17952	20.397	ng/ul		96
22) Nitrobenzene	9.255	77	61304	20.415	ng/ul#		95
23) Isophorone	9.778	82	103654	20.413	ng/ul#		97
25) 2-Nitrophenol	9.972	139	24379	20.582	ng/ul#		86
26) 2,4-Dimethylphenol	10.030	107	55371	20.256	ng/ul		95
27) Bis(2-Chloroethoxy)met...	10.260	93	52016	20.219	ng/ul		98
29) 2,4-Dichlorophenol	10.512	162	42122	20.423	ng/ul#		93
30) Naphthalene	10.917	128	137917	20.545	ng/ul		99
32) 4-Chloroaniline	11.023	127	53740	18.813	ng/ul		93
33) Hexachlorobutadiene	11.194	225	34161	20.165	ng/ul		98
34) Caprolactam	11.787	113	13825m	20.967	ng/ul		
35) 4-Chloro-3-methylphenol	12.151	107	49585	20.746	ng/ul		87
36) 2-Methylnaphthalene	12.521	142	98687	19.199	ng/ul		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	94655	18.924	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.891	216	55898	21.166	ng/ul	97
40) Hexachlorocyclopentadiene	12.868	237	24399	15.664	ng/ul	87
41) 2,4,6-Trichlorophenol	13.132	196	36329	21.497	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.208	196	38908m	21.457	ng/ul	
43) 1,1'-Biphenyl	13.526	154	128030	20.212	ng/ul	97
44) 2-Chloronaphthalene	13.573	162	105191	21.214	ng/ul	95
45) 2-Nitroaniline	13.772	65	38886	22.275	ng/ul	94
47) Dimethylphthalate	14.143	163	135082	20.394	ng/ul#	94
48) 2,6-Dinitrotoluene	14.266	165	28979	21.422	ng/ul	94
50) Acenaphthylene	14.419	152	155193	20.718	ng/ul	96
51) 3-Nitroaniline	14.601	138	22969	19.072	ng/ul#	93
52) Acenaphthene	14.759	153	113306	21.178	ng/ul	90
53) 2,4-Dinitrophenol	14.806	184	13213	17.728	ng/ul	96
55) 4-Nitrophenol	14.918	109	29867	21.168	ng/ul	95
56) Dibenzofuran	15.094	168	152012	20.481	ng/ul	96
57) 2,4-Dinitrotoluene	15.059	165	39294	20.138	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.323	232	34559	23.128	ng/ul	98
59) Diethylphthalate	15.505	149	139416	20.876	ng/ul	97
61) Fluorene	15.746	166	123440	20.452	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.734	204	67764	20.622	ng/ul	98
63) 4-Nitroaniline	15.758	138	20626	18.318	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.828	198	22210	18.987	ng/ul	94
67) N-Nitrosodiphenylamine	15.946	169	103291	20.206	ng/ul	96
68) 4-Bromophenyl-phenylether	16.627	248	46040	21.340	ng/ul	97
69) Hexachlorobenzene	16.751	284	52302	21.415	ng/ul	96
70) Atrazine	16.898	200	47900	21.302	ng/ul	99
71) Pentachlorophenol	17.097	266	22633	19.350	ng/ul	99
72) Phenanthrene	17.491	178	199430	20.316	ng/ul	99
74) Anthracene	17.585	178	204574	20.833	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.496	216	55458	20.357	ng/uL	97
76) Pentachlorobenzene	15.018	250	59824	20.823	ng/uL	96
77) Carbazole	17.849	167	171648	19.561	ng/ul#	95
78) Di-n-butylphthalate	18.401	149	227566	21.211	ng/ul	100
80) Fluoranthene	19.500	202	243504	20.947	ng/ul	99
82) Pyrene	19.864	202	241731	20.849	ng/ul	99
83) Butylbenzylphthalate	20.739	149	94286	21.339	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.621	252	76590	18.924	ng/ul	98
85) Benzo(a)anthracene	21.709	228	226403	20.171	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.603	149	131578	20.329	ng/ul	97
87) Chrysene	21.779	228	215767	20.583	ng/ul	97
89) Di-n-octyl phthalate	22.831	149	222366	20.393	ng/ul	100
90) Benzo(b)fluoranthene	23.965	252	231536	20.264	ng/ul	97
91) Benzo(k)fluoranthene	24.035	252	224799	19.815	ng/ul	99
93) Benzo(a)pyrene	24.852	252	208488	20.727	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.764	276	262118	19.857	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.834	278	221914	20.152	ng/ul#	96
96) Benzo(g,h,i)perylene	29.939	276	217540	19.818	ng/ul	96

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

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