Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049577.D
Acq On : 30 Jul 2021 14:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020470

Manual Integrations APPROVED
mohammad
8/2/2021 3:45:21 PM

Quant Time: Jul 30 15:27:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	21984	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	91602	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.705	164	66303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	156829	20.000	ng/ul	0.00
79) Chrysene-d12	21.736	240	145541	20.000	ng/ul	0.01
88) Perylene-d12	25.014	264	147578	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	3740	7.783	ng/uL	0.00
4) Pyridine-d5	3.855	84	27035	19.588	ng/ul	0.00
7) Phenol-d5	7.203	99	37413	19.235	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	20507	18.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	27486	19.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	28459	19.411	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	13840	19.652	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	17217	20.862	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	30970	20.633	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	39529	18.896	ng/ul	0.00
46) Dimethylphthalate-d6	14.100	166	98404	19.375	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	114049	19.333	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	16857	20.154	ng/ul	0.01
60) Fluorene-d10	15.692	176	89426	20.438	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	16196	16.666	ng/ul	0.00
73) Anthracene-d10	17.548	188	140571	19.286	ng/ul	0.00
81) Pyrene-d10	19.839	212	155562	20.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	164785	21.245	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	4956m	7.546	ng/uL	
5) Pyridine	3.878	79	29158	19.750	ng/ul	93
6) Benzaldehyde	7.180	77	28309	24.391	ng/ul	96
8) Phenol	7.232	94	38851	20.448	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.462	93	26468	20.220	ng/ul	96
12) 2-Chlorophenol	7.608	128	29122	21.696	ng/ul	98
13) 2-Methylphenol	8.490	108	30828	21.288	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.578	45	30389	19.810	ng/ul#	87
16) Acetophenone	8.871	105	50229	21.287	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.854	70	26161	21.501	ng/ul#	86
18) 4-Methylphenol	8.824	108	32352	21.236	ng/ul	94
19) Hexachloroethane	9.136	117	13135	21.722	ng/ul#	82
22) Nitrobenzene	9.259	77	43595	20.732	ng/ul	96
23) Isophorone	9.782	82	72725	20.640	ng/ul	99
25) 2-Nitrophenol	9.976	139	16541	21.297	ng/ul#	78
26) 2,4-Dimethylphenol	10.029	107	40190	21.713	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.264	93	35160	20.007	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	29629	20.193	ng/ul#	94
30) Naphthalene	10.922	128	98453	20.866	ng/ul	97
32) 4-Chloroaniline	11.027	127	40283	20.244	ng/ul#	84
33) Hexachlorobutadiene	11.204	225	22870	20.387	ng/ul	98
34) Caprolactam	11.785	113	10214	20.468	ng/ul	93
35) 4-Chloro-3-methylphenol	12.149	107	37029	22.429	ng/ul	92
36) 2-Methylnaphthalene	12.525	142	74141	21.469	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	73400	21.034	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.895	216	39601	20.096	ng/ul	96
40) Hexachlorocyclopentadiene	12.872	237	20780	17.500	ng/ul	97
41) 2,4,6-Trichlorophenol	13.130	196	26976	22.276	ng/ul#	75
42) 2,4,5-Trichlorophenol	13.207	196	29595	22.884	ng/ul	98
43) 1,1'-Biphenyl	13.530	154	96898	20.523	ng/ul	98
44) 2-Chloronaphthalene	13.577	162	77712	21.152	ng/ul#	93
45) 2-Nitroaniline	13.777	65	29621	22.718	ng/ul	92
47) Dimethylphthalate	14.147	163	100003	20.247	ng/ul	99
48) 2,6-Dinitrotoluene	14.270	165	22836	23.167	ng/ul	95
50) Acenaphthylene	14.423	152	119713	21.250	ng/ul	95
51) 3-Nitroaniline	14.599	138	21150	21.514	ng/ul#	81
52) Acenaphthene	14.763	153	83137	20.576	ng/ul	94
53) 2,4-Dinitrophenol	14.816	184	8723	17.762	ng/ul#	77
55) 4-Nitrophenol	14.910	109	22654	19.975	ng/ul	92
56) Dibenzofuran	15.098	168	117489	21.535	ng/ul	96
57) 2,4-Dinitrotoluene	15.063	165	33856	24.231	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.327	232	25039	21.335	ng/ul#	92
59) Diethylphthalate	15.509	149	107106	20.953	ng/ul	99
61) Fluorene	15.750	166	100508	21.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	51297	21.276	ng/ul#	83
63) 4-Nitroaniline	15.762	138	22447	23.025	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.827	198	15641	17.484	ng/ul#	77
67) N-Nitrosodiphenylamine	15.950	169	83177	20.237	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	36853	21.104	ng/ul	95
69) Hexachlorobenzene	16.755	284	41120	20.812	ng/ul	92
70) Atrazine	16.896	200	38285	20.395	ng/ul	98
71) Pentachlorophenol	17.101	266	16876m	18.448	ng/ul	
72) Phenanthrene	17.495	178	165340	20.251	ng/ul	98
74) Anthracene	17.583	178	166450	20.119	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	43229	20.285	ng/uL	96
76) Pentachlorobenzene	15.022	250	49201	21.821	ng/uL	93
77) Carbazole	17.853	167	144674	19.559	ng/ul	97
78) Di-n-butylphthalate	18.406	149	178008	19.353	ng/ul	98
80) Fluoranthene	19.504	202	197616	21.869	ng/ul#	98
82) Pyrene	19.868	202	199418	22.228	ng/ul	99
83) Butylbenzylphthalate	20.744	149	76561	21.919	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.625	252	72013	21.534	ng/ul	88
85) Benzo(a)anthracene	21.713	228	193481	21.744	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	110397	21.297	ng/ul	99
87) Chrysene	21.777	228	178778	20.991	ng/ul	99
89) Di-n-octyl phthalate	22.841	149	187590	21.624	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	195290m	21.113	ng/ul	
91) Benzo(k)fluoranthene	24.039	252	191848	21.193	ng/ul	99
93) Benzo(a)pyrene	24.862	252	170858	21.292	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.774	276	230225m	22.485	ng/ul	
95) Dibenzo(a,h)anthracene	28.838	278	192177	22.681	ng/ul	95
96) Benzo(g,h,i)perylene	29.943	276	183145	21.514	ng/ul#	91

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

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