Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010322\
Data File : BG051857.D
Acq On : 3 Jan 2022 14:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020468

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/04/2022
Supervised By :mohammad ahmed 01/06/2022

Quant Time: Jan 04 01:22:06 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	8.270	152	25013	20.000	ng/ul	0.00
20) Naphthalene-d8	11.107	136	109012	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.902	164	83068	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.651	188	216967m	20.000	ng/ul	0.00
79) Chrysene-d12	21.969	240	208723m	20.000	ng/ul	0.00
88) Perylene-d12	25.458	264	209299	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	5379	8.931	ng/uL	0.00
4) Pyridine-d5	4.022	84	42981	23.619	ng/ul	0.00
7) Phenol-d5	7.406	99	48725	21.817	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.571	67	32652	24.594	ng/ul	0.00
11) 2-Chlorophenol-d4	7.800	132	33325	21.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	38587	22.352	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	18577	23.244	ng/ul	0.00
24) 2-Nitrophenol-d4	10.173	143	17758	20.325	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.719	165	37489	19.787	ng/ul	0.00
31) 4-Chloroaniline-d4	11.230	131	52899	21.206	ng/ul	0.00
46) Dimethylphthalate-d6	14.297	166	139045	20.913	ng/ul	0.00
49) Acenaphthylene-d8	14.596	160	170968	20.705	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	23775	21.989	ng/ul	0.00
60) Fluorene-d10	15.889	176	125129	21.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	24188	21.397	ng/ul	0.00
73) Anthracene-d10	17.745	188	217533	21.018	ng/ul	0.00
81) Pyrene-d10	20.024	212	268851	21.402	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.211	264	233438	21.198	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	6307m	10.034	ng/uL	
5) Pyridine	4.046	79	42470	23.263	ng/ul	92
6) Benzaldehyde	7.388	77	38906m	27.922	ng/ul	
8) Phenol	7.435	94	51335	23.116	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.670	93	38103	22.490	ng/ul	96
12) 2-Chlorophenol	7.829	128	34552	21.686	ng/ul	94
13) 2-Methylphenol	8.704	108	37850	22.590	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.798	45	63390	27.584	ng/ul	99
16) Acetophenone	9.092	105	60686	22.379	ng/ul#	91
17) N-Nitroso-di-n-propyla...	9.074	70	38223	23.491	ng/ul#	94
18) 4-Methylphenol	9.039	108	39816	22.546	ng/ul	86
19) Hexachloroethane	9.374	117	14531	20.901	ng/ul#	75
22) Nitrobenzene	9.480	77	55101	23.703	ng/ul#	93
23) Isophorone	10.014	82	101608	21.772	ng/ul#	95
25) 2-Nitrophenol	10.202	139	20034	21.452	ng/ul#	85
26) 2,4-Dimethylphenol	10.255	107	47667	21.184	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.490	93	53965	21.776	ng/ul	98
29) 2,4-Dichlorophenol	10.743	162	38738	21.489	ng/ul	96
30) Naphthalene	11.160	128	120986	20.600	ng/ul	98
32) 4-Chloroaniline	11.254	127	53592	21.039	ng/ul	99
33) Hexachlorobutadiene	11.448	225	30145	19.696	ng/ul	97
34) Caprolactam	12.012	113	13955	25.569	ng/ul	87
35) 4-Chloro-3-methylphenol	12.364	107	44718	22.138	ng/ul	95
36) 2-Methylnaphthalene	12.746	142	88496	21.121	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.963	142	90984	20.914	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.110	216	56630	19.599	ng/ul	99
40) Hexachlorocyclopentadiene	13.092	237	43306	20.642	ng/ul	95
41) 2,4,6-Trichlorophenol	13.339	196	37106	21.214	ng/ul	98
42) 2,4,5-Trichlorophenol	13.416	196	40480	22.082	ng/ul	99
43) 1,1'-Biphenyl	13.739	154	127972	20.112	ng/ul	98
44) 2-Chloronaphthalene	13.786	162	99896	20.307	ng/ul	97
45) 2-Nitroaniline	13.974	65	38090	25.346	ng/ul	96
47) Dimethylphthalate	14.344	163	135681	21.020	ng/ul	98
48) 2,6-Dinitrotoluene	14.461	165	28062	22.741	ng/ul	96
50) Acenaphthylene	14.626	152	168256	20.826	ng/ul	96
51) 3-Nitroaniline	14.790	138	27622	23.410	ng/ul#	88
52) Acenaphthene	14.966	153	109723	20.558	ng/ul	96
53) 2,4-Dinitrophenol	14.996	184	15781	22.124	ng/ul	87
55) 4-Nitrophenol	15.096	109	27565	23.762	ng/ul	91
56) Dibenzofuran	15.301	168	164674	20.950	ng/ul	97
57) 2,4-Dinitrotoluene	15.248	165	41968	23.996	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.519	232	38038	21.834	ng/ul	96
59) Diethylphthalate	15.695	149	141115	20.986	ng/ul	98
61) Fluorene	15.947	166	135580	20.934	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.930	204	76064	21.086	ng/ul	93
63) 4-Nitroaniline	15.953	138	28452	23.512	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.012	198	22482	20.251	ng/ul	94
67) N-Nitrosodiphenylamine	16.141	169	120118	20.583	ng/ul	94
68) 4-Bromophenyl-phenylether	16.829	248	52952m	23.965	ng/ul	
69) Hexachlorobenzene	16.958	284	58272	20.987	ng/ul#	90
70) Atrazine	17.081	200	55784	21.303	ng/ul	100
71) Pentachlorophenol	17.299	266	36718m	21.583	ng/ul	
72) Phenanthrene	17.692	178	234883m	21.048	ng/ul	
74) Anthracene	17.780	178	235535	20.892	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.709	216	65928	19.751	ng/uL	96
76) Pentachlorobenzene	15.225	250	64476	20.206	ng/uL	96
77) Carbazole	18.045	167	213957	21.194	ng/ul	98
78) Di-n-butylphthalate	18.591	149	253419	20.859	ng/ul	98
80) Fluoranthene	19.689	202	304944	21.148	ng/ul#	91
82) Pyrene	20.054	202	305133m	21.383	ng/ul	
83) Butylbenzylphthalate	20.923	149	102591	21.438	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.845	252	104562m	21.256	ng/ul	
85) Benzo(a)anthracene	21.945	228	285389m	21.016	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.828	149	143948m	21.474	ng/ul	
87) Chrysene	22.016	228	274347	20.912	ng/ul	97
89) Di-n-octyl phthalate	23.132	149	239889	21.280	ng/ul	100
90) Benzo(b)fluoranthene	24.342	252	290561	20.726	ng/ul#	95
91) Benzo(k)fluoranthene	24.412	252	272130	20.728	ng/ul#	95
93) Benzo(a)pyrene	25.294	252	277487	20.973	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.464	276	310208	21.476	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.547	278	260647	21.127	ng/ul#	94
96) Benzo(g,h,i)perylene	30.727	276	258571m	21.124	ng/ul	

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

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