Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049734.D
Acq On : 9 Aug 2021 10:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020482

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:05 PM

Quant Time: Aug 09 11:41:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	27763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.873	136	116673	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	78801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.453	188	167998	20.000	ng/ul	0.00
79) Chrysene-d12	21.735	240	149850	20.000	ng/ul	0.00
88) Perylene-d12	25.019	264	153234	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	4497	7.573	ng/uL	0.00
4) Pyridine-d5	3.853	84	34378	19.293	ng/ul	0.00
7) Phenol-d5	7.208	99	49815	19.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	27728	19.158	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	37099	20.572	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	38094	19.829	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	19276	20.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	22978	21.892	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	40785	20.608	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	52295	19.302	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	119646	19.348	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	141928	19.291	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	16457	16.460	ng/ul	0.00
60) Fluorene-d10	15.690	176	101835	19.158	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	19974	17.665	ng/ul	0.00
73) Anthracene-d10	17.553	188	157527	19.864	ng/ul	0.00
81) Pyrene-d10	19.838	212	172585	20.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.790	264	171851	20.468	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	5738	7.974	ng/uL#	92
5) Pyridine	3.877	79	34951	17.691	ng/ul	90
6) Benzaldehyde	7.178	77	23566	17.549	ng/ul	93
8) Phenol	7.237	94	51463	20.616	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.460	93	35488	20.491	ng/ul	90
12) 2-Chlorophenol	7.613	128	38406	21.296	ng/ul	98
13) 2-Methylphenol	8.494	108	39190	20.050	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.576	45	39102	19.756	ng/ul#	92
16) Acetophenone	8.876	105	63865	20.030	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.853	70	33208	19.373	ng/ul#	88
18) 4-Methylphenol	8.823	108	39771	19.476	ng/ul	91
19) Hexachloroethane	9.135	117	17645	22.062	ng/ul	88
22) Nitrobenzene	9.264	77	56568	20.756	ng/ul	95
23) Isophorone	9.787	82	90630	19.664	ng/ul	99
25) 2-Nitrophenol	9.975	139	21914	20.384	ng/ul	93
26) 2,4-Dimethylphenol	10.033	107	50547	20.373	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.268	93	47233	20.228	ng/ul	94
29) 2,4-Dichlorophenol	10.521	162	38894	20.778	ng/ul	95
30) Naphthalene	10.920	128	130246	21.376	ng/ul	98
32) 4-Chloroaniline	11.032	127	49260	19.000	ng/ul	90
33) Hexachlorobutadiene	11.208	225	32367	21.050	ng/ul	93
34) Caprolactam	11.796	113	11633m	19.438	ng/ul	
35) 4-Chloro-3-methylphenol	12.160	107	45550	20.997	ng/ul	96
36) 2-Methylnaphthalene	12.524	142	92891	19.911	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.747	142	86727	19.104	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.894	216	50805	20.759	ng/ul	98
40) Hexachlorocyclopentadiene	12.871	237	19024	13.179	ng/ul	95
41) 2,4,6-Trichlorophenol	13.135	196	33074	21.118	ng/ul	97
42) 2,4,5-Trichlorophenol	13.211	196	34737	20.671	ng/ul	97
43) 1,1'-Biphenyl	13.529	154	122283	20.831	ng/ul	95
44) 2-Chloronaphthalene	13.576	162	97613	21.242	ng/ul	95
45) 2-Nitroaniline	13.781	65	32425	20.043	ng/ul	99
47) Dimethylphthalate	14.145	163	122585	19.971	ng/ul#	98
48) 2,6-Dinitrotoluene	14.269	165	26270	20.955	ng/ul	97
50) Acenaphthylene	14.422	152	145135	20.908	ng/ul	97
51) 3-Nitroaniline	14.604	138	20629	18.484	ng/ul#	94
52) Acenaphthene	14.762	153	100406	20.251	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	11331	16.405	ng/ul	92
55) 4-Nitrophenol	14.921	109	23874	18.258	ng/ul	92
56) Dibenzofuran	15.097	168	136968	19.913	ng/ul	96
57) 2,4-Dinitrotoluene	15.062	165	37383	20.674	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.326	232	29901	21.593	ng/ul#	91
59) Diethylphthalate	15.508	149	123460	19.949	ng/ul	97
61) Fluorene	15.749	166	114014	20.384	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.737	204	64030	21.026	ng/ul	99
63) 4-Nitroaniline	15.767	138	18488	17.718	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.826	198	19618	18.516	ng/ul#	87
67) N-Nitrosodiphenylamine	15.949	169	94142	20.332	ng/ul	94
68) 4-Bromophenyl-phenylether	16.630	248	42446	21.721	ng/ul	94
69) Hexachlorobenzene	16.760	284	47334	21.397	ng/ul	97
70) Atrazine	16.901	200	42483	20.857	ng/ul	95
71) Pentachlorophenol	17.106	266	19453	18.361	ng/ul	95
72) Phenanthrene	17.494	178	181436	20.405	ng/ul	100
74) Anthracene	17.588	178	183321	20.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.505	216	52084	21.107	ng/uL	97
76) Pentachlorobenzene	15.021	250	53888	20.707	ng/uL	94
77) Carbazole	17.852	167	154816	19.478	ng/ul	97
78) Di-n-butylphthalate	18.404	149	202650	20.853	ng/ul	99
80) Fluoranthene	19.503	202	223454	21.930	ng/ul	100
82) Pyrene	19.867	202	218487	21.498	ng/ul	100
83) Butylbenzylphthalate	20.742	149	84798	21.894	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.624	252	74392	20.970	ng/ul	97
85) Benzo(a)anthracene	21.712	228	202955	20.629	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.606	149	119124	20.997	ng/ul	98
87) Chrysene	21.782	228	193587	21.068	ng/ul	98
89) Di-n-octyl phthalate	22.834	149	200465	20.973	ng/ul	100
90) Benzo(b)fluoranthene	23.973	252	213843	21.351	ng/ul	99
91) Benzo(k)fluoranthene	24.044	252	204395	20.553	ng/ul	96
93) Benzo(a)pyrene	24.866	252	184946	20.976	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.767	276	242321m	20.943	ng/ul	
95) Dibenzo(a,h)anthracene	28.837	278	199307	20.648	ng/ul	97
96) Benzo(g,h,i)perylene	29.948	276	198926	20.674	ng/ul	97

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

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