Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049732.D
Acq On : 8 Aug 2021 11:20
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020481

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:57 PM

Quant Time: Aug 09 05:10:50 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	8.044	152	34821	20.000	ng/ul	0.00
20) Naphthalene-d8	10.864	136	137733	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	91552	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	188466	20.000	ng/ul	0.00
79) Chrysene-d12	21.732	240	167185	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	172703	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4918	6.603	ng/uL	0.01
4) Pyridine-d5	3.856	84	37965	16.987	ng/ul	0.00
7) Phenol-d5	7.204	99	54393	17.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	31721	17.475	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	42436	18.762	ng/ul	0.00
15) 4-Methylphenol-d8	8.761	113	42918	17.812	ng/ul	0.01
21) Nitrobenzene-d5	9.213	128	20868	19.234	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	25447	20.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	46800	20.032	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	59018	18.452	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	132574	18.453	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	161367	18.878	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	18762	16.152	ng/ul	0.02
60) Fluorene-d10	15.687	176	116863	18.923	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	22834	18.001	ng/ul	0.00
73) Anthracene-d10	17.549	188	173242	19.473	ng/ul	0.00
81) Pyrene-d10	19.834	212	178493	19.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	182627	19.299	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.468	88	5610	6.216	ng/uL#	76
5) Pyridine	3.873	79	37253	15.034	ng/ul	94
6) Benzaldehyde	7.181	77	27668	16.428	ng/ul#	81
8) Phenol	7.234	94	58492	18.682	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.457	93	38213	17.592	ng/ul	89
12) 2-Chlorophenol	7.610	128	44400	19.629	ng/ul	98
13) 2-Methylphenol	8.491	108	45653	18.622	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.567	45	44976	18.117	ng/ul	95
16) Acetophenone	8.873	105	70006	17.505	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.849	70	36843	17.137	ng/ul#	95
18) 4-Methylphenol	8.826	108	46750	18.253	ng/ul	84
19) Hexachloroethane	9.131	117	21035	20.970	ng/ul	92
22) Nitrobenzene	9.260	77	62728	19.496	ng/ul	96
23) Isophorone	9.777	82	107356	19.732	ng/ul	97
25) 2-Nitrophenol	9.965	139	25041	19.731	ng/ul	93
26) 2,4-Dimethylphenol	10.030	107	57861	19.755	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.259	93	55546	20.151	ng/ul	94
29) 2,4-Dichlorophenol	10.517	162	45349	20.522	ng/ul	92
30) Naphthalene	10.917	128	143718	19.981	ng/ul	98
32) 4-Chloroaniline	11.023	127	57129	18.666	ng/ul	91
33) Hexachlorobutadiene	11.199	225	36260	19.976	ng/ul	96
34) Caprolactam	11.798	113	13307m	18.835	ng/ul	
35) 4-Chloro-3-methylphenol	12.150	107	52133	20.357	ng/ul	95
36) 2-Methylnaphthalene	12.521	142	103183	18.735	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.738	142	97417	18.177	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.891	216	58059	20.419	ng/ul	96
40) Hexachlorocyclopentadiene	12.867	237	19383	11.558	ng/ul	98
41) 2,4,6-Trichlorophenol	13.131	196	36654	20.145	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.208	196	38643	19.793	ng/ul	96
43) 1,1'-Biphenyl	13.525	154	134239	19.683	ng/ul	98
44) 2-Chloronaphthalene	13.572	162	108862	20.391	ng/ul	99
45) 2-Nitroaniline	13.772	65	37690	20.053	ng/ul	96
47) Dimethylphthalate	14.142	163	137881	19.334	ng/ul	98
48) 2,6-Dinitrotoluene	14.271	165	30576	20.993	ng/ul	87
50) Acenaphthylene	14.418	152	159938	19.832	ng/ul	98
51) 3-Nitroaniline	14.600	138	23210	17.900	ng/ul	96
52) Acenaphthene	14.759	153	112415	19.515	ng/ul	94
53) 2,4-Dinitrophenol	14.812	184	12887	16.060	ng/ul	93
55) 4-Nitrophenol	14.917	109	26797	17.640	ng/ul	90
56) Dibenzofuran	15.094	168	155413	19.448	ng/ul	99
57) 2,4-Dinitrotoluene	15.058	165	40346	19.205	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.323	232	34620	21.519	ng/ul#	94
59) Diethylphthalate	15.505	149	136012	18.916	ng/ul	97
61) Fluorene	15.746	166	126836	19.518	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.734	204	69119	19.536	ng/ul	94
63) 4-Nitroaniline	15.763	138	22864	18.860	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.828	198	22046	18.548	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	103671	19.958	ng/ul	95
68) 4-Bromophenyl-phenylether	16.633	248	46465	21.195	ng/ul	93
69) Hexachlorobenzene	16.756	284	51508	20.755	ng/ul	98
70) Atrazine	16.897	200	46856	20.506	ng/ul	98
71) Pentachlorophenol	17.103	266	22261	18.730	ng/ul	93
72) Phenanthrene	17.490	178	197752	19.824	ng/ul	99
74) Anthracene	17.584	178	202639	20.308	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.496	216	57508	20.774	ng/uL	96
76) Pentachlorobenzene	15.017	250	59631	20.425	ng/uL	98
77) Carbazole	17.854	167	167704	18.808	ng/ul	99
78) Di-n-butylphthalate	18.401	149	216749	19.881	ng/ul	100
80) Fluoranthene	19.499	202	227041	19.972	ng/ul	98
82) Pyrene	19.864	202	226361	19.964	ng/ul	99
83) Butylbenzylphthalate	20.739	149	90061	20.842	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.620	252	70927	17.920	ng/ul	99
85) Benzo(a)anthracene	21.714	228	218449	19.901	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.602	149	125113	19.766	ng/ul	98
87) Chrysene	21.779	228	202736	19.776	ng/ul	98
89) Di-n-octyl phthalate	22.836	149	211578	19.641	ng/ul	100
90) Benzo(b)fluoranthene	23.970	252	221931	19.661	ng/ul	100
91) Benzo(k)fluoranthene	24.040	252	213173m	19.019	ng/ul	
93) Benzo(a)pyrene	24.863	252	200470	20.174	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.769	276	252791	19.385	ng/ul	96
95) Dibenzo(a,h)anthracene	28.834	278	213970	19.668	ng/ul	98
96) Benzo(g,h,i)perylene	29.950	276	207482	19.133	ng/ul	96

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

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