Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050855.D
Acq On : 3 Nov 2021 18:18
Operator : CG/JU
Sample : PB140353BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS353

Quant Time: Nov 07 07:36:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	31669	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	144519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	101517	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.601	188	226782	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	194289	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	191613	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	5259	5.360	ng/uL	0.00
4) Pyridine-d5	4.011	84	78776	26.837	ng/ul	0.00
7) Phenol-d5	7.371	99	95341	28.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	62466	28.622	ng/ul	0.00
11) 2-Chlorophenol-d4	7.759	132	67675	28.904	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	77601	29.176	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	36410	29.647	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	40894	29.946	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	70022	30.440	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	98799	28.362	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	239039	30.777	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	288753	29.841	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	42371	30.088	ng/ul	0.00
60) Fluorene-d10	15.844	176	207118	30.103	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	41369	30.088	ng/ul	0.00
73) Anthracene-d10	17.695	188	320620	29.903	ng/ul	-0.01
81) Pyrene-d10	19.974	212	376643	30.014	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.057	264	314102	29.653	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	12444	11.547	ng/uL	97
5) Pyridine	4.028	79	87269	28.721	ng/ul	95
6) Benzaldehyde	7.360	77	71475	33.542	ng/ul	96
8) Phenol	7.401	94	106943	30.600	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.636	93	81521	31.163	ng/ul	97
12) 2-Chlorophenol	7.789	128	73985	31.121	ng/ul	99
13) 2-Methylphenol	8.664	108	79929	30.941	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.746	45	127228	30.877	ng/ul	99
16) Acetophenone	9.058	105	127769	30.923	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.034	70	78502	31.490	ng/ul	97
18) 4-Methylphenol	8.993	108	86985	31.625	ng/ul	98
19) Hexachloroethane	9.322	117	30550	30.736	ng/ul	95
22) Nitrobenzene	9.445	77	109059	31.840	ng/ul	98
23) Isophorone	9.963	82	218553	32.877	ng/ul	99
25) 2-Nitrophenol	10.162	139	45490	33.204	ng/ul	97
26) 2,4-Dimethylphenol	10.203	107	93890	31.139	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.444	93	117327	32.756	ng/ul	97
29) 2,4-Dichlorophenol	10.697	162	74458	33.184	ng/ul	96
30) Naphthalene	11.108	128	253159	32.035	ng/ul	99
32) 4-Chloroaniline	11.214	127	107009	30.936	ng/ul	99
33) Hexachlorobutadiene	11.379	225	46167	31.349	ng/ul	98
34) Caprolactam	11.972	113	30905	32.443	ng/ul	89
35) 4-Chloro-3-methylphenol	12.313	107	96710	33.740	ng/ul	97
36) 2-Methylnaphthalene	12.695	142	173853	32.292	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.912	142	175635	32.196	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.059	216	93869	31.734	ng/ul	98
40) Hexachlorocyclopentadiene	13.030	237	37056	26.088	ng/ul	95
41) 2,4,6-Trichlorophenol	13.294	196	64133	33.134	ng/ul	99
42) 2,4,5-Trichlorophenol	13.364	196	67739	32.598	ng/ul	98
43) 1,1'-Biphenyl	13.688	154	236503	31.873	ng/ul	98
44) 2-Chloronaphthalene	13.740	162	184270	31.690	ng/ul	98
45) 2-Nitroaniline	13.940	65	76766	33.229	ng/ul	93
47) Dimethylphthalate	14.293	163	256067	32.974	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	54711	33.660	ng/ul	96
50) Acenaphthylene	14.581	152	311982	32.170	ng/ul	99
51) 3-Nitroaniline	14.757	138	56135	33.393	ng/ul	87
52) Acenaphthene	14.916	153	205651	32.250	ng/ul	97
53) 2,4-Dinitrophenol	14.968	184	27565	30.742	ng/ul	88
55) 4-Nitrophenol	15.057	109	41482	32.119	ng/ul	94
56) Dibenzofuran	15.250	168	290991	31.880	ng/ul	98
57) 2,4-Dinitrotoluene	15.209	165	79110	34.104	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.474	232	55231	33.821	ng/ul	97
59) Diethylphthalate	15.650	149	273665	32.922	ng/ul	98
61) Fluorene	15.897	166	233932	32.380	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.885	204	122095	32.455	ng/ul	97
63) 4-Nitroaniline	15.920	138	57820	34.670	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.973	198	42771	31.899	ng/ul#	97
67) N-Nitrosodiphenylamine	16.097	169	210805	33.255	ng/ul	100
68) 4-Bromophenyl-phenylether	16.778	248	74838	33.175	ng/ul	95
69) Hexachlorobenzene	16.901	284	76118	32.822	ng/ul	96
70) Atrazine	17.037	200	85434	31.782	ng/ul	100
71) Pentachlorophenol	17.242	266	34798	32.682	ng/ul	94
72) Phenanthrene	17.642	178	401311	33.151	ng/ul	99
74) Anthracene	17.736	178	386234	31.799	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	96734	31.327	ng/uL	95
76) Pentachlorobenzene	15.168	250	90957	31.791	ng/uL	98
77) Carbazole	18.000	167	376665	34.599	ng/ul	99
78) Di-n-butylphthalate	18.535	149	480699	33.603	ng/ul	99
80) Fluoranthene	19.639	202	487151	32.347	ng/ul	99
82) Pyrene	20.004	202	473377	32.169	ng/ul	99
83) Butylbenzylphthalate	20.867	149	209893	33.170	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.778	252	148788	31.445	ng/ul	100
85) Benzo(a)anthracene	21.872	228	436178	32.429	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.743	149	302762	33.332	ng/ul	99
87) Chrysene	21.943	228	417885	32.523	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	512750	32.869	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	437222	32.030	ng/ul	99
91) Benzo(k)fluoranthene	24.281	252	410822	32.072	ng/ul	99
93) Benzo(a)pyrene	25.133	252	414276	31.865	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.199	276	464853	32.120	ng/ul	97
95) Dibenzo(a,h)anthracene	29.263	278	395614	32.307	ng/ul	98
96) Benzo(g,h,i)perylene	30.427	276	391521	32.318	ng/ul	98

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

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