Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050854.D
Acq On : 3 Nov 2021 17:37
Operator : CG/JU
Sample : PB140423BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS423

Quant Time: Nov 07 07:33:27 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	8.232	152	21197	20.000	ng/ul	0.00
20) Naphthalene-d8	11.058	136	98701	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	69867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.597	188	156238	20.000	ng/ul	0.00
79) Chrysene-d12	21.898	240	136489	20.000	ng/ul	0.00
88) Perylene-d12	25.294	264	134416	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.590	96	5306	8.079	ng/uL	0.00
4) Pyridine-d5	4.013	84	79245	40.334	ng/ul	0.00
7) Phenol-d5	7.368	99	94262	41.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	60687	41.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.756	132	65633	41.880	ng/ul	0.00
15) 4-Methylphenol-d8	8.931	113	75449	42.381	ng/ul	0.00
21) Nitrobenzene-d5	9.401	128	35802	42.684	ng/ul	0.00
24) 2-Nitrophenol-d4	10.130	143	40325	43.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.670	165	69914	44.502	ng/ul	0.00
31) 4-Chloroaniline-d4	11.187	131	95715	40.231	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	237685	44.466	ng/ul	0.00
49) Acenaphthylene-d8	14.548	160	287926	43.235	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	42649	44.005	ng/ul	0.00
60) Fluorene-d10	15.840	176	205067	43.307	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	41159	43.452	ng/ul	0.00
73) Anthracene-d10	17.697	188	321010	43.458	ng/ul	0.00
81) Pyrene-d10	19.971	212	377669	42.841	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.059	264	317848	42.775	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.625	88	13186	18.280	ng/uL	97
5) Pyridine	4.031	79	89380	43.948	ng/ul	98
6) Benzaldehyde	7.362	77	72094	50.546	ng/ul	95
8) Phenol	7.397	94	107847	46.103	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.638	93	80454	45.949	ng/ul	99
12) 2-Chlorophenol	7.785	128	71470	44.916	ng/ul	96
13) 2-Methylphenol	8.661	108	78459	45.377	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.755	45	123931	44.936	ng/ul	99
16) Acetophenone	9.054	105	125380	45.336	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.031	70	77114	46.215	ng/ul	100
18) 4-Methylphenol	8.990	108	85326	46.348	ng/ul	92
19) Hexachloroethane	9.319	117	29216	43.915	ng/ul	97
22) Nitrobenzene	9.448	77	108435	46.353	ng/ul#	97
23) Isophorone	9.965	82	213622	47.053	ng/ul	99
25) 2-Nitrophenol	10.159	139	44249	47.291	ng/ul	98
26) 2,4-Dimethylphenol	10.206	107	92992	45.159	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.441	93	114037	46.617	ng/ul	99
29) 2,4-Dichlorophenol	10.694	162	73117	47.713	ng/ul	97
30) Naphthalene	11.105	128	250345	46.384	ng/ul	98
32) 4-Chloroaniline	11.211	127	104666	44.305	ng/ul	97
33) Hexachlorobutadiene	11.375	225	45792	45.528	ng/ul	98
34) Caprolactam	11.969	113	30268	46.525	ng/ul	94
35) 4-Chloro-3-methylphenol	12.315	107	95420	48.743	ng/ul	96
36) 2-Methylnaphthalene	12.697	142	170275	46.309	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	171768	46.104	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.055	216	92227	45.303	ng/ul	97
40) Hexachlorocyclopentadiene	13.032	237	36285	37.117	ng/ul	98
41) 2,4,6-Trichlorophenol	13.291	196	62414	46.854	ng/ul	92
42) 2,4,5-Trichlorophenol	13.367	196	66448	46.462	ng/ul	98
43) 1,1'-Biphenyl	13.690	154	232744	45.575	ng/ul	99
44) 2-Chloronaphthalene	13.737	162	181981	45.474	ng/ul	98
45) 2-Nitroaniline	13.937	65	75764	47.651	ng/ul	99
47) Dimethylphthalate	14.295	163	255881	47.876	ng/ul	100
48) 2,6-Dinitrotoluene	14.424	165	53716	48.019	ng/ul	99
50) Acenaphthylene	14.577	152	311515	46.673	ng/ul	98
51) 3-Nitroaniline	14.759	138	54613	47.204	ng/ul	92
52) Acenaphthene	14.918	153	206065	46.953	ng/ul	97
53) 2,4-Dinitrophenol	14.965	184	26789	43.411	ng/ul	89
55) 4-Nitrophenol	15.059	109	41245	46.402	ng/ul	94
56) Dibenzofuran	15.253	168	291188	46.353	ng/ul	98
57) 2,4-Dinitrotoluene	15.212	165	76925	48.185	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.470	232	53843	47.907	ng/ul#	96
59) Diethylphthalate	15.647	149	273958	47.887	ng/ul	99
61) Fluorene	15.899	166	229527	46.162	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.882	204	121821	47.051	ng/ul	97
63) 4-Nitroaniline	15.917	138	57413	50.021	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.970	198	43189	46.754	ng/ul	99
67) N-Nitrosodiphenylamine	16.093	169	207846	47.592	ng/ul	100
68) 4-Bromophenyl-phenylether	16.781	248	73140	47.062	ng/ul	96
69) Hexachlorobenzene	16.898	284	75798	47.441	ng/ul	95
70) Atrazine	17.033	200	85991	46.432	ng/ul	99
71) Pentachlorophenol	17.245	266	34950	47.646	ng/ul	93
72) Phenanthrene	17.644	178	402401	48.250	ng/ul	99
74) Anthracene	17.732	178	389943	46.600	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.661	216	95771	45.019	ng/uL	96
76) Pentachlorobenzene	15.171	250	87817	44.552	ng/uL	99
77) Carbazole	18.003	167	371811	49.574	ng/ul	98
78) Di-n-butylphthalate	18.531	149	479400	48.644	ng/ul	99
80) Fluoranthene	19.642	202	495668	46.850	ng/ul	98
82) Pyrene	20.000	202	475248	45.973	ng/ul	98
83) Butylbenzylphthalate	20.864	149	211787	47.643	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.781	252	146262	44.002	ng/ul	99
85) Benzo(a)anthracene	21.875	228	442712	46.853	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.745	149	302604	47.423	ng/ul	98
87) Chrysene	21.945	228	418920	46.410	ng/ul	99
89) Di-n-octyl phthalate	23.014	149	508945	46.508	ng/ul	100
90) Benzo(b)fluoranthene	24.207	252	442090	46.168	ng/ul	99
91) Benzo(k)fluoranthene	24.278	252	416893	46.396	ng/ul	99
93) Benzo(a)pyrene	25.135	252	423570	46.443	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.201	276	475185	46.805	ng/ul	96
95) Dibenzo(a,h)anthracene	29.266	278	397899	46.320	ng/ul	98
96) Benzo(g,h,i)perylene	30.423	276	396368	46.641	ng/ul	97

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

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