Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051006.D
Acq On : 12 Nov 2021 20:03
Operator : CG/JU
Sample : PB140666BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS666

Quant Time: Nov 15 00:46:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 15 00:27:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	34306	20.000	ng/ul	0.00
20) Naphthalene-d8	11.067	136	150992	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	97995	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	201756	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	152285	20.000	ng/ul	0.00
88) Perylene-d12	25.332	264	149449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	5292	4.979	ng/uL	0.00
4) Pyridine-d5	4.046	84	78562	24.706	ng/ul	-0.02
7) Phenol-d5	7.383	99	99927	27.304	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	61173	25.875	ng/ul	0.00
11) 2-Chlorophenol-d4	7.765	132	73973	29.165	ng/ul	0.00
15) 4-Methylphenol-d8	8.940	113	77807	27.005	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	38612	30.092	ng/ul	0.00
24) 2-Nitrophenol-d4	10.138	143	43694	30.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	73991	30.787	ng/ul	0.00
31) 4-Chloroaniline-d4	11.202	131	100880	27.717	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	230810	30.786	ng/ul	0.00
49) Acenaphthylene-d8	14.563	160	290204	31.069	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	42811	31.493	ng/ul	0.00
60) Fluorene-d10	15.855	176	205739	30.978	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	39851	32.579	ng/ul	0.00
73) Anthracene-d10	17.712	188	297951	31.236	ng/ul	0.00
81) Pyrene-d10	19.986	212	315503	32.077	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.091	264	253395	30.671	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.634	88	10644	9.117	ng/uL#	95
5) Pyridine	4.069	79	80374	24.418	ng/ul	98
6) Benzaldehyde	7.377	77	62842	27.224	ng/ul	96
8) Phenol	7.412	94	100946	26.663	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.647	93	72853	25.708	ng/ul	99
12) 2-Chlorophenol	7.800	128	70620	27.423	ng/ul	96
13) 2-Methylphenol	8.675	108	76159	27.216	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.758	45	110304	24.712	ng/ul	98
16) Acetophenone	9.075	105	118372	26.447	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.051	70	70215	26.001	ng/ul	97
18) 4-Methylphenol	9.010	108	79788	26.779	ng/ul	92
19) Hexachloroethane	9.328	117	29820	27.695	ng/ul	98
22) Nitrobenzene	9.457	77	98754	27.595	ng/ul	96
23) Isophorone	9.997	82	192537	27.722	ng/ul	99
25) 2-Nitrophenol	10.174	139	43126	30.129	ng/ul	97
26) 2,4-Dimethylphenol	10.215	107	83382	26.469	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.456	93	102560	27.406	ng/ul	99
29) 2,4-Dichlorophenol	10.708	162	70761	30.184	ng/ul	99
30) Naphthalene	11.120	128	238578	28.895	ng/ul	98
32) 4-Chloroaniline	11.225	127	96096	26.590	ng/ul	100
33) Hexachlorobutadiene	11.384	225	45735	29.724	ng/ul	97
34) Caprolactam	12.083	113	26054	26.178	ng/ul	99
35) 4-Chloro-3-methylphenol	12.330	107	86016	28.723	ng/ul	97
36) 2-Methylnaphthalene	12.706	142	158670	28.209	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	160423	28.147	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.064	216	89037	31.183	ng/ul	96
40) Hexachlorocyclopentadiene	13.035	237	23825	17.376	ng/ul	88
41) 2,4,6-Trichlorophenol	13.305	196	62491	33.446	ng/ul	98
42) 2,4,5-Trichlorophenol	13.376	196	66417	33.111	ng/ul	97
43) 1,1'-Biphenyl	13.699	154	216907	30.283	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	170699	30.411	ng/ul	98
45) 2-Nitroaniline	13.952	65	63697	28.563	ng/ul	95
47) Dimethylphthalate	14.310	163	221222	29.510	ng/ul	99
48) 2,6-Dinitrotoluene	14.439	165	47547	30.304	ng/ul	90
50) Acenaphthylene	14.592	152	279256	29.830	ng/ul	97
51) 3-Nitroaniline	14.768	138	46862	28.878	ng/ul	96
52) Acenaphthene	14.927	153	185464	30.129	ng/ul	96
53) 2,4-Dinitrophenol	14.980	184	25490	29.450	ng/ul	91
55) 4-Nitrophenol	15.074	109	37078	29.741	ng/ul	97
56) Dibenzofuran	15.262	168	259448	29.446	ng/ul	99
57) 2,4-Dinitrotoluene	15.221	165	65236	29.134	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.485	232	54588	34.629	ng/ul	95
59) Diethylphthalate	15.661	149	228909	28.527	ng/ul	98
61) Fluorene	15.908	166	203430	29.170	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.890	204	109430	30.134	ng/ul	96
63) 4-Nitroaniline	15.932	138	48191	29.935	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.985	198	37618	31.536	ng/ul	94
67) N-Nitrosodiphenylamine	16.108	169	181699	32.219	ng/ul	98
68) 4-Bromophenyl-phenylether	16.789	248	66123	32.948	ng/ul	93
69) Hexachlorobenzene	16.913	284	68648	33.273	ng/ul	95
70) Atrazine	17.054	200	70358	29.420	ng/ul	99
71) Pentachlorophenol	17.259	266	41318	43.620	ng/ul	94
72) Phenanthrene	17.653	178	334528	31.062	ng/ul	99
74) Anthracene	17.747	178	325924	30.162	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.670	216	93044	33.870	ng/uL	97
76) Pentachlorobenzene	15.180	250	82993	32.605	ng/uL	100
77) Carbazole	18.012	167	298440	30.814	ng/ul	100
78) Di-n-butylphthalate	18.546	149	377112	29.632	ng/ul	99
80) Fluoranthene	19.651	202	366012	31.007	ng/ul	98
82) Pyrene	20.015	202	358845	31.112	ng/ul	98
83) Butylbenzylphthalate	20.879	149	146863	29.611	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.795	252	110220	29.720	ng/ul	99
85) Benzo(a)anthracene	21.889	228	317734	30.138	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.754	149	206061	28.943	ng/ul	99
87) Chrysene	21.960	228	306959	30.479	ng/ul	99
89) Di-n-octyl phthalate	23.029	149	349355	28.713	ng/ul	100
90) Benzo(b)fluoranthene	24.234	252	320841	30.135	ng/ul	99
91) Benzo(k)fluoranthene	24.304	252	292088	29.236	ng/ul	98
93) Benzo(a)pyrene	25.168	252	302709	29.853	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.263	276	340231	30.141	ng/ul	94
95) Dibenzo(a,h)anthracene	29.328	278	285668	29.910	ng/ul	97
96) Benzo(g,h,i)perylene	30.503	276	281904	29.835	ng/ul	96

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

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