Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051352.D
Acq On : 6 Dec 2021 16:10
Operator : CG/JU
Sample : PB141175BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS175

Quant Time: Dec 06 16:44:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	23235	20.000	ng/ul	0.00
20) Naphthalene-d8	11.020	136	100396	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.827	164	69992	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	176002	20.000	ng/ul	0.00
79) Chrysene-d12	21.877	240	152769	20.000	ng/ul	0.00
88) Perylene-d12	25.279	264	156450	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	3697	5.529	ng/uL	-0.02
4) Pyridine-d5	3.963	84	53235	27.133	ng/ul	-0.02
7) Phenol-d5	7.353	99	70843	30.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	42730	29.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	51791	31.320	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	55514	29.957	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	26144	30.849	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	30759	32.175	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	52760	32.527	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	106445	44.850	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	179071	33.251	ng/ul	0.00
49) Acenaphthylene-d8	14.527	160	216509	31.882	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	31559	36.203	ng/ul	0.00
60) Fluorene-d10	15.820	176	161513	33.304	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	23622	21.750	ng/ul	0.00
73) Anthracene-d10	17.676	188	268111	31.851	ng/ul	0.00
81) Pyrene-d10	19.956	212	300123	32.468	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.050	264	264359	31.639	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	7755	10.284	ng/uL#	94
5) Pyridine	3.981	79	55227	27.051	ng/ul	98
6) Benzaldehyde	7.324	77	47461	32.453	ng/ul	95
8) Phenol	7.383	94	70936	29.818	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.600	93	51500	28.615	ng/ul	94
12) 2-Chlorophenol	7.759	128	49669	29.475	ng/ul	99
13) 2-Methylphenol	8.640	108	51714	29.184	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	75148	28.935	ng/ul	98
16) Acetophenone	9.022	105	82526	28.791	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.993	70	46969	28.515	ng/ul	99
18) 4-Methylphenol	8.975	108	55586	29.336	ng/ul	98
19) Hexachloroethane	9.280	117	20455	28.739	ng/ul	93
22) Nitrobenzene	9.416	77	67725	30.476	ng/ul	97
23) Isophorone	9.933	82	128321	29.722	ng/ul	98
25) 2-Nitrophenol	10.132	139	29873	30.168	ng/ul	96
26) 2,4-Dimethylphenol	10.179	107	63109	31.172	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.409	93	70534	29.594	ng/ul	99
29) 2,4-Dichlorophenol	10.673	162	49645	31.093	ng/ul	95
30) Naphthalene	11.072	128	163388	29.909	ng/ul	99
32) 4-Chloroaniline	11.184	127	68378	28.698	ng/ul	100
33) Hexachlorobutadiene	11.337	225	32680	29.673	ng/ul	97
34) Caprolactam	11.948	113	22047	35.123	ng/ul	99
35) 4-Chloro-3-methylphenol	12.306	107	63395	33.052	ng/ul	98
36) 2-Methylnaphthalene	12.665	142	111122	29.906	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.882	142	113415	29.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.029	216	64009	29.130	ng/ul	98
40) Hexachlorocyclopentadiene	12.994	237	5025	5.658	ng/ul	99
41) 2,4,6-Trichlorophenol	13.270	196	44459	32.242	ng/ul	96
42) 2,4,5-Trichlorophenol	13.358	196	48942	33.894	ng/ul	98
43) 1,1'-Biphenyl	13.658	154	152350	29.143	ng/ul	97
44) 2-Chloronaphthalene	13.711	162	120816	29.053	ng/ul	99
45) 2-Nitroaniline	13.916	65	48806	33.911	ng/ul	95
47) Dimethylphthalate	14.269	163	172202	31.590	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	37798	33.010	ng/ul	93
50) Acenaphthylene	14.557	152	202213	30.139	ng/ul	99
51) 3-Nitroaniline	14.745	138	41584	36.740	ng/ul	94
52) Acenaphthene	14.892	153	135161	30.546	ng/ul	95
53) 2,4-Dinitrophenol	14.968	184	8139	12.859	ng/ul	93
55) 4-Nitrophenol	15.068	109	27492	36.355	ng/ul	89
56) Dibenzofuran	15.226	168	195319	30.603	ng/ul	99
57) 2,4-Dinitrotoluene	15.203	165	57498	35.157	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.461	232	40667	35.864	ng/ul	92
59) Diethylphthalate	15.620	149	192449	33.633	ng/ul	99
61) Fluorene	15.873	166	162135	31.715	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.855	204	84048	30.507	ng/ul	96
63) 4-Nitroaniline	15.908	138	44896	40.761	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.973	198	21744	20.760	ng/ul	96
67) N-Nitrosodiphenylamine	16.072	169	151379	30.044	ng/ul	97
68) 4-Bromophenyl-phenylether	16.754	248	55969	29.671	ng/ul	92
69) Hexachlorobenzene	16.877	284	58442	30.384	ng/ul	97
70) Atrazine	17.018	200	64947	30.671	ng/ul	98
71) Pentachlorophenol	17.242	266	20337	23.861	ng/ul	97
72) Phenanthrene	17.624	178	298779	30.746	ng/ul	99
74) Anthracene	17.712	178	296573	30.729	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	67662	26.356	ng/uL	97
76) Pentachlorobenzene	15.144	250	62908	26.299	ng/uL	97
77) Carbazole	17.988	167	279416	32.983	ng/ul	99
78) Di-n-butylphthalate	18.505	149	346580	31.729	ng/ul	99
80) Fluoranthene	19.621	202	356159	31.370	ng/ul	97
82) Pyrene	19.986	202	347618	31.300	ng/ul	96
83) Butylbenzylphthalate	20.843	149	138384	29.972	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.766	252	106435	29.924	ng/ul	99
85) Benzo(a)anthracene	21.860	228	320403	30.922	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.713	149	204860	30.834	ng/ul	99
87) Chrysene	21.930	228	306032	30.744	ng/ul	100
89) Di-n-octyl phthalate	22.976	149	342405	30.210	ng/ul	100
90) Benzo(b)fluoranthene	24.192	252	319845	30.293	ng/ul	99
91) Benzo(k)fluoranthene	24.263	252	303609	30.643	ng/ul	99
93) Benzo(a)pyrene	25.121	252	311065	30.882	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.210	276	356808	31.655	ng/ul	97
95) Dibenzo(a,h)anthracene	29.257	278	305188	31.915	ng/ul	97
96) Benzo(g,h,i)perylene	30.438	276	296294	31.243	ng/ul	95

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

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