Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121024\
Data File : BG063647.D
Acq On : 11 Dec 2024 00:52
Operator : RC/JU
Sample : PB165510BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS510

Quant Time: Dec 11 01:26:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	157809	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	659406	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.454	164	489766	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.203	188	1079287	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.457	240	1008607	20.000	ng/ul	#-0.02
88) Perylene-d12	24.477	264	1107705	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	25828	7.225	ng/uL	0.00
4) Pyridine-d5	3.690	84	485524	36.716	ng/ul	0.00
7) Phenol-d5	6.992	99	584436	37.615	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	368588	35.085	ng/ul	0.00
11) 2-Chlorophenol-d4	7.350	132	382822	41.826	ng/ul	0.00
15) 4-Methylphenol-d8	8.531	113	441396	38.316	ng/ul	0.00
21) Nitrobenzene-d5	8.966	128	184541	39.870	ng/ul	0.00
24) 2-Nitrophenol-d4	9.689	143	210481	39.739	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.229	165	423093	37.100	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	339833	24.658	ng/ul	0.00
46) Dimethylphthalate-d6	13.860	166	1256522	35.301	ng/ul	0.00
49) Acenaphthylene-d8	14.142	160	1461454	37.562	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.677	143	181413	39.802	ng/ul	0.00
60) Fluorene-d10	15.447	176	1121629	31.967	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.582	200	205321	33.675	ng/ul	0.00
73) Anthracene-d10	17.303	188	1831155	37.157	ng/ul	-0.01
81) Pyrene-d10	19.601	212	2082342	37.247	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.272	264	2121525	38.133	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	60967	12.809	ng/uL#	79
5) Pyridine	3.707	79	476628	34.708	ng/ul#	85
6) Benzaldehyde	6.957	77	36379	3.659	ng/ul	91
8) Phenol	7.021	94	635650	38.057	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.239	93	443436	38.427	ng/ul	91
12) 2-Chlorophenol	7.386	128	393893	42.527	ng/ul#	94
13) 2-Methylphenol	8.267	108	442486	37.965	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.331	45	666243	42.933	ng/ul	94
16) Acetophenone	8.631	105	728626	34.357	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.619	70	427770	35.404	ng/ul#	97
18) 4-Methylphenol	8.596	108	487447	38.087	ng/ul	99
19) Hexachloroethane	8.890	117	162123	32.756	ng/ul	97
22) Nitrobenzene	9.013	77	638741m	34.115	ng/ul	
23) Isophorone	9.530	82	1117340	33.100	ng/ul#	97
25) 2-Nitrophenol	9.724	139	217365	41.187	ng/ul#	76
26) 2,4-Dimethylphenol	9.789	107	497336	34.582	ng/ul#	87
27) Bis(2-Chloroethoxy)met...	10.012	93	622083	39.441	ng/ul	100
29) 2,4-Dichlorophenol	10.259	162	430662	37.672	ng/ul	93
30) Naphthalene	10.652	128	1265653	37.286	ng/ul	97
32) 4-Chloroaniline	10.764	127	163215	12.502	ng/ul	98
33) Hexachlorobutadiene	10.940	225	317111	26.884	ng/ul	98
34) Caprolactam	11.522	113	128916m	34.448	ng/ul	
35) 4-Chloro-3-methylphenol	11.904	107	482835	33.858	ng/ul#	87
36) 2-Methylnaphthalene	12.262	142	917481	35.059	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.485	142	912187	34.379	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.638	216	604785	31.763	ng/ul	96
40) Hexachlorocyclopentadiene	12.615	237	178332	22.435	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.885	196	358509	38.178	ng/ul	94
42) 2,4,5-Trichlorophenol	12.961	196	391519	38.646	ng/ul	97
43) 1,1'-Biphenyl	13.279	154	1284191	39.501	ng/ul#	93
44) 2-Chloronaphthalene	13.326	162	1023697	38.205	ng/ul	97
45) 2-Nitroaniline	13.531	65	353238	40.355	ng/ul#	86
47) Dimethylphthalate	13.907	163	1279672	35.535	ng/ul	99
48) 2,6-Dinitrotoluene	14.031	165	250875	37.758	ng/ul	84
50) Acenaphthylene	14.172	152	1566650	38.290	ng/ul	98
51) 3-Nitroaniline	14.360	138	122573	21.889	ng/ul	91
52) Acenaphthene	14.518	153	1118670	37.655	ng/ul	97
53) 2,4-Dinitrophenol	14.583	184	114820m	35.007	ng/ul	
55) 4-Nitrophenol	14.689	109	181902	25.976	ng/ul#	65
56) Dibenzofuran	14.853	168	1598319	34.810	ng/ul	98
57) 2,4-Dinitrotoluene	14.824	165	366790	35.003	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.088	232	315616	33.309	ng/ul	98
59) Diethylphthalate	15.276	149	1220929	34.793	ng/ul	98
61) Fluorene	15.505	166	1229571	32.878	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.500	204	684151	28.406	ng/ul	99
63) 4-Nitroaniline	15.529	138	225749	37.488	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.594	198	217851	35.785	ng/ul#	99
67) N-Nitrosodiphenylamine	15.711	169	1043334	41.278	ng/ul	97
68) 4-Bromophenyl-phenylether	16.393	248	448075	35.135	ng/ul	93
69) Hexachlorobenzene	16.516	284	496602	36.175	ng/ul	99
70) Atrazine	16.663	200	6479	0.548	ng/ul#	45
71) Pentachlorophenol	16.863	266	196187	40.646	ng/ul#	78
72) Phenanthrene	17.245	178	2080826	39.140	ng/ul	98
74) Anthracene	17.339	178	2113050	38.490	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.249	216	608072	39.921	ng/ul	98
76) Pentachlorobenzene	14.777	250	598413	37.604	ng/ul	99
77) Carbazole	17.609	167	1787977	40.651	ng/ul	97
78) Di-n-butylphthalate	18.173	149	1987547	42.329	ng/ul	98
80) Fluoranthene	19.266	202	2429262m	38.663	ng/ul	
82) Pyrene	19.630	202	2575048	38.553	ng/ul#	86
83) Butylbenzylphthalate	20.529	149	766347	54.486	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.357	252	389787	22.575	ng/ul#	95
85) Benzo(a)anthracene	21.440	228	2540881	37.354	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.352	149	1145919	54.190	ng/ul#	99
87) Chrysene	21.498	228	2432350	38.065	ng/ul	99
89) Di-n-octyl phthalate	22.485	149	2053383	53.043	ng/ul	100
90) Benzo(b)fluoranthene	23.525	252	2622936	38.118	ng/ul#	97
91) Benzo(k)fluoranthene	23.584	252	2569618	37.568	ng/ul#	95
93) Benzo(a)pyrene	24.342	252	2369497	36.715	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.891	276	2952328	37.922	ng/ul#	90
95) Dibenzo(a,h)anthracene	27.932	278	2322672	37.199	ng/ul#	93
96) Benzo(g,h,i)perylene	28.943	276	2314040	39.108	ng/ul#	91

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

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