Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062109.D
Acq On : 17 Jul 2024 12:19
Operator : MA/JU
Sample : P3217-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZG4MS

Quant Time: Jul 18 01:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	22957	20.000	ng/ul	0.00
20) Naphthalene-d8	10.861	136	115085	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.680	164	81265	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.424	188	195311	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.683	240	208914	20.000	ng/ul	# 0.00
88) Perylene-d12	24.909	264	284310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	2523	4.130	ng/uL	0.00
4) Pyridine-d5	3.851	84	20103	10.702	ng/ul	0.00
7) Phenol-d5	7.212	99	22103	8.798	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	36614	23.014	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	50623	29.375	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	40614	20.532	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	28607	32.684	ng/ul	0.00
24) 2-Nitrophenol-d4	9.938	143	35724	35.741	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	71540	37.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.996	131	67431	24.091	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	232653	34.823	ng/ul	0.00
49) Acenaphthylene-d8	14.374	160	247092	35.369	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	10497	9.838	ng/ul	0.00
60) Fluorene-d10	15.667	176	204071	36.283	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	40760	39.737	ng/ul	0.00
73) Anthracene-d10	17.524	188	328947	36.074	ng/ul	0.00
81) Pyrene-d10	19.809	212	498218	40.545	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.686	264	510126	36.178	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	3334	4.944	ng/uL	86
5) Pyridine	3.881	79	21598	11.211	ng/ul	89
6) Benzaldehyde	7.183	77	30104	22.640	ng/ul	96
8) Phenol	7.247	94	22195	8.629	ng/ul#	75
10) Bis(2-Chloroethyl)ether	7.459	93	45183	22.866	ng/ul	98
12) 2-Chlorophenol	7.612	128	59215	33.727	ng/ul	95
13) 2-Methylphenol	8.499	108	40192	21.893	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.569	45	85251	19.748	ng/ul#	98
16) Acetophenone	8.869	105	89767	27.473	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.846	70	43498	23.779	ng/ul#	71
18) 4-Methylphenol	8.828	108	41807	20.335	ng/ul	95
19) Hexachloroethane	9.122	117	19324	25.372	ng/ul#	74
22) Nitrobenzene	9.257	77	67899	27.329	ng/ul	99
23) Isophorone	9.774	82	134561	23.973	ng/ul#	96
25) 2-Nitrophenol	9.968	139	31426	30.830	ng/ul#	78
26) 2,4-Dimethylphenol	10.032	107	71182	29.178	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.256	93	67981	21.993	ng/ul	99
29) 2,4-Dichlorophenol	10.508	162	60190	33.236	ng/ul#	89
30) Naphthalene	10.908	128	173055	27.375	ng/ul#	95
32) 4-Chloroaniline	11.020	127	57171	20.816	ng/ul	99
33) Hexachlorobutadiene	11.178	225	43104	31.629	ng/ul	99
34) Caprolactam	11.801	113	4326	6.097	ng/ul	93
35) 4-Chloro-3-methylphenol	12.148	107	74641	30.946	ng/ul#	92
36) 2-Methylnaphthalene	12.512	142	131140	28.634	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.729	142	136373	28.653	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.876	216	79235	32.468	ng/ul	98
40) Hexachlorocyclopentadiene	12.841	237	28768	17.708	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.117	196	57320	35.363	ng/ul	91
42) 2,4,5-Trichlorophenol	13.199	196	62094	34.873	ng/ul	92
43) 1,1'-Biphenyl	13.511	154	182233	29.104	ng/ul	92
44) 2-Chloronaphthalene	13.558	162	138930	29.564	ng/ul	94
45) 2-Nitroaniline	13.769	65	68031	36.151	ng/ul	96
47) Dimethylphthalate	14.128	163	200046	31.130	ng/ul#	99
48) 2,6-Dinitrotoluene	14.257	165	43277	35.499	ng/ul	96
50) Acenaphthylene	14.404	152	228321	29.778	ng/ul	99
51) 3-Nitroaniline	14.592	138	39495	33.282	ng/ul	91
52) Acenaphthene	14.745	153	159354	30.098	ng/ul	94
53) 2,4-Dinitrophenol	14.803	184	22225	34.895	ng/ul	87
55) 4-Nitrophenol	14.915	109	16802	13.798	ng/ul#	78
56) Dibenzofuran	15.079	168	233747	31.238	ng/ul	96
57) 2,4-Dinitrotoluene	15.044	165	65311	36.531	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.309	232	51465	32.008	ng/ul#	92
59) Diethylphthalate	15.479	149	215185	31.074	ng/ul	98
61) Fluorene	15.726	166	198519	31.196	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.708	204	104455	32.679	ng/ul	97
63) 4-Nitroaniline	15.755	138	40355	33.514	ng/ul#	64
66) 4,6-Dinitro-2-methylph...	15.808	198	40012	36.246	ng/ul#	78
67) N-Nitrosodiphenylamine	15.926	169	172014	32.250	ng/ul	99
68) 4-Bromophenyl-phenylether	16.607	248	73132	33.005	ng/ul	88
69) Hexachlorobenzene	16.725	284	89497	35.126	ng/ul#	93
70) Atrazine	16.883	200	48924	23.236	ng/ul#	89
71) Pentachlorophenol	17.077	266	33847	24.168	ng/ul#	91
72) Phenanthrene	17.465	178	326899	31.743	ng/ul	98
74) Anthracene	17.559	178	327039	30.729	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.481	216	77798	32.072	ng/ul	92
76) Pentachlorobenzene	14.991	250	94497	34.155	ng/ul	95
77) Carbazole	17.829	167	289566	32.329	ng/ul#	97
78) Di-n-butylphthalate	18.370	149	355511	30.916	ng/ul	98
80) Fluoranthene	19.474	202	483630	33.257	ng/ul#	91
82) Pyrene	19.839	202	553011	36.814	ng/ul#	91
83) Butylbenzylphthalate	20.708	149	218987	34.736	ng/ul	96
85) Benzo(a)anthracene	21.666	228	488902	32.322	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.554	149	274305	30.322	ng/ul#	96
87) Chrysene	21.731	228	473131	33.413	ng/ul	98
89) Di-n-octyl phthalate	22.759	149	533652	30.724	ng/ul	100
90) Benzo(b)fluoranthene	23.881	252	581013	32.436	ng/ul#	96
91) Benzo(k)fluoranthene	23.946	252	559364	31.315	ng/ul#	96
93) Benzo(a)pyrene	24.762	252	482460	28.444	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.587	276	721859	33.302	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.646	278	598719	33.444	ng/ul#	97
96) Benzo(g,h,i)perylene	29.751	276	558868	32.408	ng/ul#	94

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

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