Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056897.D
Acq On : 9 Mar 2023 2:05
Operator : CG/JU
Sample : 01784-15MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCAC4MS

Quant Time: Mar 09 03:28:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	15130	20.000	ng/ul	0.00
20) Naphthalene-d8	11.261	136	67625	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.033	164	55816	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.771	188	145323	20.000	ng/ul	0.00
79) Chrysene-d12	22.095	240	137662	20.000	ng/ul	# 0.00
88) Perylene-d12	25.650	264	147263	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	1471	3.770	ng/uL	0.00
4) Pyridine-d5	4.134	84	9722	7.660	ng/ul	0.00
7) Phenol-d5	7.542	99	7850	5.062	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	28177	28.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.935	132	21220	21.865	ng/ul	0.00
15) 4-Methylphenol-d8	9.105	113	15376	13.141	ng/ul	0.00
21) Nitrobenzene-d5	9.592	128	16117	28.735	ng/ul	0.00
24) 2-Nitrophenol-d4	10.327	143	18991	28.621	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	34625	26.940	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	39394	23.261	ng/ul	0.00
46) Dimethylphthalate-d6	14.416	166	154504	32.362	ng/ul	0.00
49) Acenaphthylene-d8	14.733	160	158806	30.294	ng/ul	0.00
54) 4-Nitrophenol-d4	15.186	143	5427	6.708	ng/ul	0.00
60) Fluorene-d10	16.020	176	142879	32.273	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.126	200	33979	32.353	ng/ul	0.00
73) Anthracene-d10	17.871	188	239692	34.127	ng/ul	0.00
81) Pyrene-d10	20.133	212	299885	35.764	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.403	264	288843	35.821	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.728	88	1353	3.112	ng/uL	90
5) Pyridine	4.163	79	5818	4.278	ng/ul#	84
6) Benzaldehyde	7.536	77	29604	36.268	ng/ul	90
8) Phenol	7.571	94	8612	5.447	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.812	93	31952	28.769	ng/ul	94
12) 2-Chlorophenol	7.976	128	21360	21.421	ng/ul	94
13) 2-Methylphenol	8.840	108	18539	15.950	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.934	45	44264	29.037	ng/ul	97
16) Acetophenone	9.240	105	58398	29.163	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.216	70	34349	29.492	ng/ul#	96
18) 4-Methylphenol	9.175	108	16953	13.438	ng/ul	86
19) Hexachloroethane	9.522	117	10020	24.332	ng/ul#	76
22) Nitrobenzene	9.633	77	50039	28.590	ng/ul	92
23) Isophorone	10.156	82	95698	28.009	ng/ul	98
25) 2-Nitrophenol	10.356	139	18621	26.841	ng/ul	95
26) 2,4-Dimethylphenol	10.391	107	28627	18.823	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.632	93	47745	28.707	ng/ul	96
29) 2,4-Dichlorophenol	10.891	162	33077	26.694	ng/ul	98
30) Naphthalene	11.308	128	101730	27.233	ng/ul	97
32) 4-Chloroaniline	11.402	127	22302	13.441	ng/ul	93
33) Hexachlorobutadiene	11.584	225	25713	26.368	ng/ul	100
34) Caprolactam	12.154	113	1403	3.090	ng/ul#	68
35) 4-Chloro-3-methylphenol	12.489	107	35705	24.819	ng/ul	98
36) 2-Methylnaphthalene	12.882	142	78271	29.130	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.100	142	80233	29.884	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.241	216	57678	27.964	ng/ul	96
40) Hexachlorocyclopentadiene	13.223	237	28257	20.148	ng/ul	97
41) 2,4,6-Trichlorophenol	13.470	196	40062	29.827	ng/ul	99
42) 2,4,5-Trichlorophenol	13.541	196	45992	30.762	ng/ul	93
43) 1,1'-Biphenyl	13.870	154	120067	28.722	ng/ul	96
44) 2-Chloronaphthalene	13.922	162	98262	28.508	ng/ul	97
45) 2-Nitroaniline	14.110	65	38491	30.284	ng/ul	92
47) Dimethylphthalate	14.463	163	152754	31.651	ng/ul	99
48) 2,6-Dinitrotoluene	14.592	165	32411	33.396	ng/ul	94
50) Acenaphthylene	14.757	152	155841	29.417	ng/ul	98
51) 3-Nitroaniline	14.921	138	22113	25.253	ng/ul	93
52) Acenaphthene	15.098	153	110479	29.817	ng/ul	96
53) 2,4-Dinitrophenol	15.127	184	21447	30.146	ng/ul	93
55) 4-Nitrophenol	15.203	109	5960	5.715	ng/ul	94
56) Dibenzofuran	15.427	168	171628	30.301	ng/ul	99
57) 2,4-Dinitrotoluene	15.374	165	47097	31.478	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.644	232	47163	32.735	ng/ul#	97
59) Diethylphthalate	15.814	149	158730	32.539	ng/ul	98
61) Fluorene	16.073	166	141835	31.447	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.055	204	84210	31.120	ng/ul	97
63) 4-Nitroaniline	16.085	138	26987	31.067	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.137	198	33168	32.998	ng/ul#	98
67) N-Nitrosodiphenylamine	16.267	169	129735	33.243	ng/ul	97
68) 4-Bromophenyl-phenylether	16.948	248	60621	33.631	ng/ul	97
69) Hexachlorobenzene	17.078	284	67568	34.556	ng/ul	97
70) Atrazine	17.195	200	54786	31.223	ng/ul	99
71) Pentachlorophenol	17.412	266	39497	34.270	ng/ul	99
72) Phenanthrene	17.818	178	269253	34.428	ng/ul	99
74) Anthracene	17.906	178	265962	33.383	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.840	216	61220	29.394	ng/uL	98
76) Pentachlorobenzene	15.344	250	69915	32.153	ng/uL	96
77) Carbazole	18.170	167	231620	34.258	ng/ul	98
78) Di-n-butylphthalate	18.693	149	265473	33.946	ng/ul	100
80) Fluoranthene	19.804	202	350210	35.038	ng/ul	98
82) Pyrene	20.162	202	343193	34.290	ng/ul	99
83) Butylbenzylphthalate	21.026	149	118675	35.753	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.972	252	100431	30.116	ng/ul	96
85) Benzo(a)anthracene	22.078	228	347721	34.552	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.931	149	166295	35.057	ng/ul	97
87) Chrysene	22.148	228	322364	34.567	ng/ul	98
89) Di-n-octyl phthalate	23.253	149	286871	35.769	ng/ul	100
90) Benzo(b)fluoranthene	24.510	252	359960	35.758	ng/ul	100
91) Benzo(k)fluoranthene	24.586	252	344108	35.582	ng/ul	97
93) Benzo(a)pyrene	25.479	252	303893	35.332	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.745	276	425265	36.182	ng/ul	97
95) Dibenzo(a,h)anthracene	29.816	278	342659	35.328	ng/ul#	98
96) Benzo(g,h,i)perylene	31.032	276	335938	35.646	ng/ul	94

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

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