Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056651.D
Acq On : 16 Feb 2023 12:13
Operator : CG/JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020409

Quant Time: Feb 17 03:34:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.437	152	16068	20.000	ng/ul	0.00
20) Naphthalene-d8	11.275	136	71084	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.041	164	57893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.779	188	156012	20.000	ng/ul	0.00
79) Chrysene-d12	22.091	240	152904	20.000	ng/ul	0.00
88) Perylene-d12	25.640	264	167504	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.725	96	2632	7.419	ng/uL	0.00
4) Pyridine-d5	4.154	84	24870	21.945	ng/ul	0.00
7) Phenol-d5	7.550	99	28521	20.120	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.738	67	17590	30.261	ng/ul	0.00
11) 2-Chlorophenol-d4	7.955	132	18316	19.310	ng/ul	0.00
15) 4-Methylphenol-d8	9.118	113	20587	18.226	ng/ul	0.00
21) Nitrobenzene-d5	9.612	128	7993	14.239	ng/ul	0.00
24) 2-Nitrophenol-d4	10.335	143	9594	13.069	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.875	165	22116	15.114	ng/ul	0.00
31) 4-Chloroaniline-d4	11.392	131	32275	19.600	ng/ul	0.00
46) Dimethylphthalate-d6	14.430	166	81272	17.692	ng/ul	0.00
49) Acenaphthylene-d8	14.741	160	92938	18.418	ng/ul	0.00
54) 4-Nitrophenol-d4	15.188	143	12275	16.927	ng/ul	0.00
60) Fluorene-d10	16.028	176	80353	18.727	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.116	200	12902	11.770	ng/ul	0.00
73) Anthracene-d10	17.873	188	133654	18.639	ng/ul	0.00
81) Pyrene-d10	20.129	212	167389	18.711	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.388	264	161814	18.838	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.760	88	3274	8.278	ng/uL	100
5) Pyridine	4.177	79	24946	22.486	ng/ul	100
6) Benzaldehyde	7.556	77	14362	28.879	ng/ul	100
8) Phenol	7.585	94	28864	20.619	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.832	93	21495	22.177	ng/ul	100
12) 2-Chlorophenol	7.990	128	18355	19.681	ng/ul	100
13) 2-Methylphenol	8.854	108	22212	20.653	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.954	45	28766	163.296	ng/ul	100
16) Acetophenone	9.259	105	38523	22.167	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.236	70	20451	26.566	ng/ul	100
18) 4-Methylphenol	9.183	108	23217	19.876	ng/ul	100
19) Hexachloroethane	9.541	117	6961	19.176	ng/ul	100
22) Nitrobenzene	9.653	77	23316	18.292	ng/ul	100
23) Isophorone	10.176	82	58727	21.857	ng/ul	100
25) 2-Nitrophenol	10.370	139	9519	13.438	ng/ul	100
26) 2,4-Dimethylphenol	10.405	107	26335	18.152	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.652	93	29955	19.903	ng/ul	100
29) 2,4-Dichlorophenol	10.905	162	21845	15.834	ng/ul	100
30) Naphthalene	11.328	128	69390	18.650	ng/ul	100
32) 4-Chloroaniline	11.422	127	31700	18.843	ng/ul	100
33) Hexachlorobutadiene	11.610	225	19043	16.091	ng/ul	100
34) Caprolactam	12.156	113	7884m	18.208	ng/ul	
35) 4-Chloro-3-methylphenol	12.497	107	24762	18.295	ng/ul	100
36) 2-Methylnaphthalene	12.896	142	52111	18.337	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.114	142	50440	17.258	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.255	216	36865	16.449	ng/ul	100
40) Hexachlorocyclopentadiene	13.237	237	20286	13.315	ng/ul	100
41) 2,4,6-Trichlorophenol	13.484	196	21774	15.303	ng/ul	100
42) 2,4,5-Trichlorophenol	13.548	196	25159	16.256	ng/ul	100
43) 1,1'-Biphenyl	13.883	154	74159	17.798	ng/ul	100
44) 2-Chloronaphthalene	13.930	162	63071	18.455	ng/ul	100
45) 2-Nitroaniline	14.113	65	12490	19.151	ng/ul	100
47) Dimethylphthalate	14.477	163	83334	18.355	ng/ul	100
48) 2,6-Dinitrotoluene	14.600	165	13580	14.246	ng/ul	100
50) Acenaphthylene	14.771	152	96100	18.802	ng/ul	100
51) 3-Nitroaniline	14.929	138	12455	17.252	ng/ul	100
52) Acenaphthene	15.105	153	66136	18.699	ng/ul	100
53) 2,4-Dinitrophenol	15.123	184	9039	13.260	ng/ul	100
55) 4-Nitrophenol	15.199	109	10531	15.525	ng/ul	100
56) Dibenzofuran	15.435	168	100937	18.461	ng/ul	100
57) 2,4-Dinitrotoluene	15.376	165	18490	13.612	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.646	232	20892	13.943	ng/ul	100
59) Diethylphthalate	15.822	149	81174	19.230	ng/ul	100
61) Fluorene	16.081	166	81148	18.429	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.063	204	47855	17.381	ng/ul	100
63) 4-Nitroaniline	16.081	138	12485	18.903	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.134	198	12591	12.035	ng/ul	100
67) N-Nitrosodiphenylamine	16.269	169	74233	17.830	ng/ul	100
68) 4-Bromophenyl-phenylether	16.956	248	32033	16.007	ng/ul	100
69) Hexachlorobenzene	17.080	284	37512	18.931	ng/ul	100
70) Atrazine	17.203	200	31656	16.681	ng/ul	100
71) Pentachlorophenol	17.415	266	17597	13.923	ng/ul	100
72) Phenanthrene	17.820	178	149100	18.745	ng/ul	100
74) Anthracene	17.908	178	151185	18.721	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.854	216	39325	16.724	ng/uL	100
76) Pentachlorobenzene	15.352	250	41053	17.064	ng/uL	100
77) Carbazole	18.167	167	130699	19.716	ng/ul	100
78) Di-n-butylphthalate	18.701	149	133776	19.124	ng/ul	100
80) Fluoranthene	19.800	202	195034	18.434	ng/ul	100
82) Pyrene	20.164	202	194637	18.395	ng/ul	100
83) Butylbenzylphthalate	21.028	149	53621	17.279	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.968	252	64991	17.976	ng/ul	100
85) Benzo(a)anthracene	22.068	228	196325	18.620	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.945	149	80377	17.912	ng/ul	100
87) Chrysene	22.144	228	182123	18.576	ng/ul	100
89) Di-n-octyl phthalate	23.272	149	134635	17.507	ng/ul	100
90) Benzo(b)fluoranthene	24.500	252	206549	18.469	ng/ul	100
91) Benzo(k)fluoranthene	24.577	252	198819	18.169	ng/ul	100
93) Benzo(a)pyrene	25.464	252	175765	17.951	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.712	276	241346m	18.738	ng/ul	
95) Dibenzo(a,h)anthracene	29.788	278	200516m	18.628	ng/ul	
96) Benzo(g,h,i)perylene	31.004	276	192006	18.440	ng/ul	100

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

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