Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050927.D
Acq On : 10 Nov 2021 3:14
Operator : CG/JU
Sample : M4532-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GB858MSD

Quant Time: Nov 10 07:45:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	37167	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	166136	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.850	164	107257	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.594	188	237092	20.000	ng/ul	-0.01
79) Chrysene-d12	21.895	240	197036	20.000	ng/ul	-0.01
88) Perylene-d12	25.291	264	197731	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	6113	5.308	ng/uL	0.00
4) Pyridine-d5	4.022	84	11422	3.316	ng/ul	0.00
7) Phenol-d5	7.371	99	31387	7.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	81815	31.943	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	72253	26.294	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	52846	16.930	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	45736	32.395	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	48557	30.931	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.667	165	78841	29.814	ng/ul	0.00
31) 4-Chloroaniline-d4	11.184	131	81204	20.278	ng/ul	0.00
46) Dimethylphthalate-d6	14.245	166	303370	36.970	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	354731	34.698	ng/ul	0.00
54) 4-Nitrophenol-d4	15.038	143	12920	8.684	ng/ul	0.00
60) Fluorene-d10	15.837	176	262039	36.048	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	52561	36.566	ng/ul	0.00
73) Anthracene-d10	17.694	188	420710	37.532	ng/ul	-0.01
81) Pyrene-d10	19.974	212	486621	38.238	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.056	264	404157	36.974	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	89210	70.532	ng/uL	97
5) Pyridine	4.045	79	12439	3.488	ng/ul	94
6) Benzaldehyde	7.359	77	85189	34.064	ng/ul	97
8) Phenol	7.394	94	31404	7.656	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.635	93	89583	29.179	ng/ul	97
12) 2-Chlorophenol	7.788	128	66394	23.797	ng/ul	99
13) 2-Methylphenol	8.664	108	55257	18.226	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.746	45	135439	28.007	ng/ul	98
16) Acetophenone	9.057	105	134716	27.781	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.028	70	80008	27.346	ng/ul	99
18) 4-Methylphenol	8.993	108	51369	15.913	ng/ul	94
19) Hexachloroethane	9.322	117	33695	28.885	ng/ul	98
22) Nitrobenzene	9.445	77	116186	29.507	ng/ul	99
23) Isophorone	9.962	82	217993	28.526	ng/ul	99
25) 2-Nitrophenol	10.162	139	45349	28.794	ng/ul	98
26) 2,4-Dimethylphenol	10.203	107	85433	24.648	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.444	93	119264	28.965	ng/ul	95
29) 2,4-Dichlorophenol	10.691	162	71670	27.785	ng/ul	98
30) Naphthalene	11.102	128	265167	29.188	ng/ul	98
32) 4-Chloroaniline	11.208	127	77570	19.507	ng/ul	97
33) Hexachlorobutadiene	11.372	225	49026	28.959	ng/ul	97
34) Caprolactam	11.966	113	4577	4.180	ng/ul	93
35) 4-Chloro-3-methylphenol	12.306	107	82766	25.118	ng/ul	99
36) 2-Methylnaphthalene	12.694	142	180022	29.087	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.911	142	182180	29.050	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.053	216	95821	30.661	ng/ul	93
40) Hexachlorocyclopentadiene	13.023	237	35975	23.971	ng/ul	98
41) 2,4,6-Trichlorophenol	13.288	196	64893	31.733	ng/ul	99
42) 2,4,5-Trichlorophenol	13.364	196	67711	30.841	ng/ul	96
43) 1,1'-Biphenyl	13.687	154	239574	30.559	ng/ul	99
44) 2-Chloronaphthalene	13.734	162	190288	30.974	ng/ul	99
45) 2-Nitroaniline	13.934	65	79685	32.646	ng/ul	94
47) Dimethylphthalate	14.292	163	272254	33.182	ng/ul	99
48) 2,6-Dinitrotoluene	14.421	165	57682	33.589	ng/ul	99
50) Acenaphthylene	14.580	152	314772	30.720	ng/ul	99
51) 3-Nitroaniline	14.756	138	54559	30.718	ng/ul	95
52) Acenaphthene	14.915	153	212939	31.605	ng/ul	98
53) 2,4-Dinitrophenol	14.968	184	27319	28.837	ng/ul	87
55) 4-Nitrophenol	15.056	109	11424	8.372	ng/ul	91
56) Dibenzofuran	15.250	168	305622	31.691	ng/ul	98
57) 2,4-Dinitrotoluene	15.209	165	83899	34.233	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.473	232	56727	32.878	ng/ul	96
59) Diethylphthalate	15.644	149	294073	33.484	ng/ul	99
61) Fluorene	15.896	166	244646	32.051	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	127604	32.104	ng/ul	99
63) 4-Nitroaniline	15.914	138	60639	34.415	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.973	198	46328	33.049	ng/ul#	98
67) N-Nitrosodiphenylamine	16.096	169	222967	33.644	ng/ul	96
68) 4-Bromophenyl-phenylether	16.778	248	79591	33.748	ng/ul	96
69) Hexachlorobenzene	16.895	284	83267	34.343	ng/ul	94
70) Atrazine	17.036	200	85578	30.451	ng/ul	99
71) Pentachlorophenol	17.242	266	38298	34.406	ng/ul	94
72) Phenanthrene	17.641	178	432579	34.180	ng/ul	99
74) Anthracene	17.729	178	425754	33.528	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.658	216	100648	31.177	ng/uL	97
76) Pentachlorobenzene	15.168	250	94938	31.739	ng/uL	98
77) Carbazole	18.000	167	398562	35.018	ng/ul	98
78) Di-n-butylphthalate	18.534	149	508193	33.980	ng/ul	99
80) Fluoranthene	19.639	202	523759	34.293	ng/ul	99
82) Pyrene	19.997	202	502590	33.678	ng/ul	98
83) Butylbenzylphthalate	20.867	149	222738	34.709	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.778	252	125837	26.224	ng/ul	99
85) Benzo(a)anthracene	21.872	228	470718	34.509	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.742	149	319123	34.644	ng/ul	100
87) Chrysene	21.942	228	445430	34.183	ng/ul	99
89) Di-n-octyl phthalate	23.011	149	534048	33.175	ng/ul	100
90) Benzo(b)fluoranthene	24.204	252	467740	33.205	ng/ul	100
91) Benzo(k)fluoranthene	24.275	252	436534	33.025	ng/ul	97
93) Benzo(a)pyrene	25.132	252	445575	33.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.198	276	497330	33.301	ng/ul	96
95) Dibenzo(a,h)anthracene	29.263	278	421117	33.325	ng/ul	99
96) Benzo(g,h,i)perylene	30.420	276	418345	33.464	ng/ul	96

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

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