Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058054.D
Acq On : 6 Jul 2023 17:44
Operator : CG/JU
Sample : 03258-10MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGW7MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 06 22:50:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	39478	20.000	ng/ul	0.00
20) Naphthalene-d8	10.724	136	178869	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.554	164	129774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	322476	20.000	ng/ul	0.00
79) Chrysene-d12	21.558	240	291365	20.000	ng/ul	0.00
88) Perylene-d12	24.707	264	367412	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.362	96	4518	4.007	ng/uL	0.00
4) Pyridine-d5	3.767	84	27867	8.142	ng/ul	0.00
7) Phenol-d5	7.081	99	21109	5.236	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	60681	24.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	51615	18.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.626	113	38474	12.647	ng/ul	0.00
21) Nitrobenzene-d5	9.084	128	36916	25.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.801	143	36421	23.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.342	165	64724	22.020	ng/ul	0.00
31) 4-Chloroaniline-d4	10.859	131	90306	20.264	ng/ul	0.00
46) Dimethylphthalate-d6	13.961	166	277082	27.061	ng/ul	0.00
49) Acenaphthylene-d8	14.249	160	290344	25.985	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	8767	4.846	ng/ul	0.00
60) Fluorene-d10	15.547	176	232816	26.773	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	37372	21.343	ng/ul	0.00
73) Anthracene-d10	17.398	188	405064	27.070	ng/ul	0.00
81) Pyrene-d10	19.690	212	499357	27.212	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.496	264	522644	27.921	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	4102	2.945	ng/uL#	71
5) Pyridine	3.791	79	26398	7.527	ng/ul	96
6) Benzaldehyde	7.057	77	58606	43.527	ng/ul	97
8) Phenol	7.110	94	22760	5.563	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.339	93	71246	22.553	ng/ul	99
12) 2-Chlorophenol	7.486	128	50132	17.325	ng/ul	96
13) 2-Methylphenol	8.362	108	44935	13.985	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.444	45	116307m	23.918	ng/ul	
16) Acetophenone	8.738	105	120200	23.815	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.720	70	64226	23.803	ng/ul	98
18) 4-Methylphenol	8.685	108	42741	12.302	ng/ul	98
19) Hexachloroethane	9.002	117	18987	17.117	ng/ul	95
22) Nitrobenzene	9.120	77	92264	24.379	ng/ul	98
23) Isophorone	9.643	82	190823	23.630	ng/ul	99
25) 2-Nitrophenol	9.836	139	34617	21.055	ng/ul#	92
26) 2,4-Dimethylphenol	9.895	107	56789	15.361	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.124	93	107233	23.564	ng/ul	96
29) 2,4-Dichlorophenol	10.371	162	58784	20.570	ng/ul	89
30) Naphthalene	10.771	128	214097	21.299	ng/ul	100
32) 4-Chloroaniline	10.882	127	78095	17.139	ng/ul	100
33) Hexachlorobutadiene	11.053	225	36763	18.170	ng/ul	98
34) Caprolactam	11.629	113	4038	3.514	ng/ul	92
35) 4-Chloro-3-methylphenol	12.005	107	72580	20.675	ng/ul	98
36) 2-Methylnaphthalene	12.381	142	150011	22.138	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	156136	22.978	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	89828	22.714	ng/ul	99
40) Hexachlorocyclopentadiene	12.721	237	33156	13.310	ng/ul	98
41) 2,4,6-Trichlorophenol	12.992	196	54113	20.188	ng/ul	96
42) 2,4,5-Trichlorophenol	13.062	196	61593	21.248	ng/ul	100
43) 1,1'-Biphenyl	13.391	154	218310	23.343	ng/ul	98
44) 2-Chloronaphthalene	13.432	162	171406	22.837	ng/ul	100
45) 2-Nitroaniline	13.638	65	65111	24.951	ng/ul	94
47) Dimethylphthalate	14.008	163	257117	24.994	ng/ul	99
48) 2,6-Dinitrotoluene	14.131	165	55090	26.089	ng/ul	96
50) Acenaphthylene	14.278	152	289210	23.969	ng/ul	99
51) 3-Nitroaniline	14.460	138	49275	27.613	ng/ul	99
52) Acenaphthene	14.619	153	200790	24.251	ng/ul	97
53) 2,4-Dinitrophenol	14.666	184	18588	16.885	ng/ul#	89
55) 4-Nitrophenol	14.778	109	6014	4.488	ng/ul#	74
56) Dibenzofuran	14.954	168	291187	24.740	ng/ul	99
57) 2,4-Dinitrotoluene	14.919	165	82174	27.467	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.183	232	54517	20.659	ng/ul#	99
59) Diethylphthalate	15.365	149	270136	25.160	ng/ul	99
61) Fluorene	15.600	166	244357	25.303	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.594	204	130099	25.461	ng/ul	99
63) 4-Nitroaniline	15.624	138	50419	31.540	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.683	198	34941	19.512	ng/ul#	98
67) N-Nitrosodiphenylamine	15.806	169	184549	21.504	ng/ul	96
68) 4-Bromophenyl-phenylether	16.488	248	92523	26.138	ng/ul	96
69) Hexachlorobenzene	16.605	284	106106	26.773	ng/ul	99
70) Atrazine	16.752	200	69747	19.874	ng/ul	97
71) Pentachlorophenol	16.952	266	45818	19.257	ng/ul	96
72) Phenanthrene	17.345	178	417668	25.462	ng/ul	99
74) Anthracene	17.433	178	418383	25.205	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.356	216	95260	22.274	ng/uL	99
76) Pentachlorobenzene	14.872	250	112168	24.557	ng/uL	98
77) Carbazole	17.704	167	397311	26.465	ng/ul	99
78) Di-n-butylphthalate	18.256	149	499763	26.133	ng/ul	99
80) Fluoranthene	19.355	202	532781	25.056	ng/ul	98
82) Pyrene	19.719	202	533001	24.902	ng/ul	99
83) Butylbenzylphthalate	20.600	149	223632	25.766	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.452	252	120401	17.069	ng/ul	96
85) Benzo(a)anthracene	21.535	228	544113	26.009	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.441	149	327988	26.370	ng/ul	96
87) Chrysene	21.605	228	516532	26.338	ng/ul	100
89) Di-n-octyl phthalate	22.621	149	568934	25.202	ng/ul	100
90) Benzo(b)fluoranthene	23.708	252	570695	25.086	ng/ul	98
91) Benzo(k)fluoranthene	23.773	252	575279	25.799	ng/ul	99
93) Benzo(a)pyrene	24.560	252	507383	25.199	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.303	276	683979	25.581	ng/ul	99
95) Dibenzo(a,h)anthracene	28.368	278	573504	26.011	ng/ul	98
96) Benzo(g,h,i)perylene	29.431	276	558397	25.568	ng/ul	99

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

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