Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082224\
Data File : BG062538.D
Acq On : 22 Aug 2024 13:22
Operator : MA/JU
Sample : PB162898BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS898

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 23:37:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	50115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	230173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	190307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.306	188	452428	20.000	ng/ul	0.00
79) Chrysene-d12	21.559	240	391709	20.000	ng/ul	0.01
88) Perylene-d12	24.643	264	428913	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	8295	6.284	ng/uL	0.00
4) Pyridine-d5	3.807	84	108225	26.907	ng/ul	0.00
7) Phenol-d5	7.102	99	147337	29.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	86488	27.540	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	103179	30.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.641	113	119981	28.711	ng/ul	0.00
21) Nitrobenzene-d5	9.094	128	52467	35.544	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	59248	40.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	123690	33.072	ng/ul	0.00
31) 4-Chloroaniline-d4	10.862	131	146606	24.718	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	423567	28.613	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	455248	27.775	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	79308	33.584	ng/ul	0.00
60) Fluorene-d10	15.555	176	401668	30.085	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	76397	37.165	ng/ul	0.00
73) Anthracene-d10	17.406	188	629871	28.981	ng/ul	0.00
81) Pyrene-d10	19.691	212	740948	32.299	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.432	264	677985	29.785	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	15009	10.652	ng/uL#	92
5) Pyridine	3.824	79	115979	27.404	ng/ul	92
6) Benzaldehyde	7.079	77	67055	25.945	ng/ul	99
8) Phenol	7.132	94	152327	29.118	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.361	93	106077	27.404	ng/ul	98
12) 2-Chlorophenol	7.508	128	109164	30.989	ng/ul	98
13) 2-Methylphenol	8.377	108	115009	29.215	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.465	45	230102	28.799	ng/ul	97
16) Acetophenone	8.753	105	184381	26.934	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.741	70	99244	27.473	ng/ul	96
18) 4-Methylphenol	8.706	108	124643	27.643	ng/ul	93
19) Hexachloroethane	9.017	117	45334	32.343	ng/ul	95
22) Nitrobenzene	9.135	77	142573	34.195	ng/ul	96
23) Isophorone	9.658	82	277008	28.132	ng/ul	99
25) 2-Nitrophenol	9.846	139	64497	39.316	ng/ul	91
26) 2,4-Dimethylphenol	9.904	107	108800	24.320	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.139	93	165313	30.182	ng/ul	97
29) 2,4-Dichlorophenol	10.380	162	125402	32.651	ng/ul	98
30) Naphthalene	10.780	128	391916	29.358	ng/ul	98
32) 4-Chloroaniline	10.885	127	133188	23.098	ng/ul	96
33) Hexachlorobutadiene	11.073	225	86138	29.505	ng/ul	94
34) Caprolactam	11.643	113	46308m	29.894	ng/ul	
35) 4-Chloro-3-methylphenol	12.007	107	145873	32.459	ng/ul	100
36) 2-Methylnaphthalene	12.389	142	271395	28.788	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.607	142	284596	29.588	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.753	216	170178	26.778	ng/ul	92
40) Hexachlorocyclopentadiene	12.742	237	74678	22.925	ng/ul	99
41) 2,4,6-Trichlorophenol	12.994	196	99101	27.109	ng/ul	97
42) 2,4,5-Trichlorophenol	13.065	196	116732	30.414	ng/ul	98
43) 1,1'-Biphenyl	13.394	154	399670	27.721	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	310919	27.869	ng/ul	98
45) 2-Nitroaniline	13.635	65	105257	36.426	ng/ul	98
47) Dimethylphthalate	14.016	163	427884	28.511	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	80749	37.672	ng/ul	91
50) Acenaphthylene	14.287	152	519491	29.603	ng/ul	98
51) 3-Nitroaniline	14.463	138	85345	34.946	ng/ul	98
52) Acenaphthene	14.627	153	359635	27.384	ng/ul	96
53) 2,4-Dinitrophenol	14.663	184	49703	36.762	ng/ul	93
55) 4-Nitrophenol	14.768	109	64683	31.911	ng/ul	97
56) Dibenzofuran	14.962	168	542529	29.366	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	124010	38.007	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.185	232	96540	26.161	ng/ul#	96
59) Diethylphthalate	15.385	149	453661	30.289	ng/ul	98
61) Fluorene	15.608	166	427240	29.340	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.602	204	222715	29.763	ng/ul	95
63) 4-Nitroaniline	15.626	138	93612	36.672	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.685	198	84526	36.493	ng/ul#	97
67) N-Nitrosodiphenylamine	15.814	169	394506	30.079	ng/ul	96
68) 4-Bromophenyl-phenylether	16.495	248	157472	31.014	ng/ul	91
69) Hexachlorobenzene	16.613	284	172800	29.211	ng/ul	96
70) Atrazine	16.760	200	7980	1.459	ng/ul	93
71) Pentachlorophenol	16.954	266	81093	23.491	ng/ul	98
72) Phenanthrene	17.347	178	729157	28.682	ng/ul	97
74) Anthracene	17.441	178	767488	29.471	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.364	216	179401	27.739	ng/ul	95
76) Pentachlorobenzene	14.880	250	183147	26.995	ng/ul	99
77) Carbazole	17.705	167	654437	29.917	ng/ul	97
78) Di-n-butylphthalate	18.275	149	796495	30.436	ng/ul	98
80) Fluoranthene	19.356	202	842463	32.873	ng/ul	98
82) Pyrene	19.720	202	865568	31.336	ng/ul	99
83) Butylbenzylphthalate	20.613	149	313766	33.722	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.453	252	264293	30.914	ng/ul	95
85) Benzo(a)anthracene	21.536	228	856214	30.115	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.459	149	451292	33.198	ng/ul	99
87) Chrysene	21.600	228	821916	30.493	ng/ul	98
89) Di-n-octyl phthalate	22.628	149	771580	33.731	ng/ul	100
90) Benzo(b)fluoranthene	23.668	252	789705	30.478	ng/ul	99
91) Benzo(k)fluoranthene	23.733	252	797983	30.512	ng/ul	99
93) Benzo(a)pyrene	24.502	252	727414	29.779	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.127	276	966355m	31.126	ng/ul	
95) Dibenzo(a,h)anthracene	28.191	278	790819	31.425	ng/ul	98
96) Benzo(g,h,i)perylene	29.225	276	753864m	31.573	ng/ul	

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

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