Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058475.D
Acq On : 26 Jul 2023 12:11
Operator : CG/JU
Sample : PB154142BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 26 22:53:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS142

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	59264	20.000	ng/ul	0.00
20) Naphthalene-d8	10.614	136	252010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.462	164	171129	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	412282	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	357708	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	440966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	8948m	5.557	ng/uL	0.00
4) Pyridine-d5	3.645	84	124842	26.122	ng/ul	0.00
7) Phenol-d5	6.983	99	160174	28.491	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.141	67	98649	28.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	114190	29.016	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	111806	26.073	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	56785	30.062	ng/ul	0.00
24) 2-Nitrophenol-d4	9.697	143	64436	31.246	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	116902	29.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	147880	25.804	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	356549	27.019	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	409228	29.592	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	48841	24.507	ng/ul	0.00
60) Fluorene-d10	15.455	176	321185	29.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.584	200	50312	23.952	ng/ul	0.00
73) Anthracene-d10	17.306	188	514324	28.872	ng/ul	0.00
81) Pyrene-d10	19.597	212	637748	30.186	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	674766	31.659	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	19618	10.741	ng/uL	96
5) Pyridine	3.669	79	120378	23.851	ng/ul	99
6) Benzaldehyde	6.953	77	90638m	39.921	ng/ul	
8) Phenol	7.012	94	149559	25.617	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.235	93	114229	25.539	ng/ul	98
12) 2-Chlorophenol	7.376	128	109733	26.639	ng/ul	98
13) 2-Methylphenol	8.264	108	114323	25.124	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.340	45	190834	26.036	ng/ul	98
16) Acetophenone	8.640	105	181411	24.841	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	93620	23.423	ng/ul	98
18) 4-Methylphenol	8.593	108	123632	25.001	ng/ul	95
19) Hexachloroethane	8.892	117	44322	27.296	ng/ul	94
22) Nitrobenzene	9.021	77	138122	27.419	ng/ul	100
23) Isophorone	9.539	82	271624	24.051	ng/ul	99
25) 2-Nitrophenol	9.732	139	62584	28.412	ng/ul	98
26) 2,4-Dimethylphenol	9.791	107	103591	21.091	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.026	93	160153	26.776	ng/ul	98
29) 2,4-Dichlorophenol	10.267	162	105263	28.054	ng/ul	99
30) Naphthalene	10.667	128	363742	27.003	ng/ul	99
32) 4-Chloroaniline	10.778	127	136045	23.227	ng/ul	97
33) Hexachlorobutadiene	10.949	225	79072	29.472	ng/ul	98
34) Caprolactam	11.536	113	36741m	23.576	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	123134	25.787	ng/ul	98
36) 2-Methylnaphthalene	12.282	142	234476	25.982	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	237291	25.655	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.653	216	144560	29.181	ng/ul	100
40) Hexachlorocyclopentadiene	12.629	237	41423	15.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	96025	28.634	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	103905	29.056	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	313049	27.053	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	257651	28.004	ng/ul	99
45) 2-Nitroaniline	13.546	65	88270	27.620	ng/ul	97
47) Dimethylphthalate	13.916	163	331663	25.022	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	74843	29.220	ng/ul	98
50) Acenaphthylene	14.186	152	401237	26.879	ng/ul	100
51) 3-Nitroaniline	14.374	138	66349	31.083	ng/ul	99
52) Acenaphthene	14.527	153	281560	27.167	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	20771	15.237	ng/ul	97
55) 4-Nitrophenol	14.691	109	34694	22.604	ng/ul	95
56) Dibenzofuran	14.862	168	396211	26.848	ng/ul	99
57) 2,4-Dinitrotoluene	14.832	165	105827	28.646	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.091	232	91102	27.574	ng/ul	96
59) Diethylphthalate	15.279	149	349261	25.577	ng/ul	99
61) Fluorene	15.508	166	324924	26.848	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.502	204	176037	27.400	ng/ul	98
63) 4-Nitroaniline	15.537	138	64798m	33.548	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.596	198	48097	22.256	ng/ul#	98
67) N-Nitrosodiphenylamine	15.719	169	278159	27.218	ng/ul	99
68) 4-Bromophenyl-phenylether	16.395	248	126687	29.011	ng/ul	94
69) Hexachlorobenzene	16.513	284	143193	29.060	ng/ul	99
70) Atrazine	16.665	200	113022	28.207	ng/ul	99
71) Pentachlorophenol	16.859	266	49819m	18.012	ng/ul	
72) Phenanthrene	17.247	178	547906	27.965	ng/ul	99
74) Anthracene	17.341	178	531340	27.014	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.258	216	143499	27.749	ng/uL	100
76) Pentachlorobenzene	14.779	250	152396	26.948	ng/uL	98
77) Carbazole	17.611	167	506598	29.712	ng/ul	98
78) Di-n-butylphthalate	18.170	149	654064	30.189	ng/ul	100
80) Fluoranthene	19.262	202	685135	28.307	ng/ul	99
82) Pyrene	19.627	202	679118	27.692	ng/ul	99
83) Butylbenzylphthalate	20.514	149	295760	30.627	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.354	252	241180	30.204	ng/ul	96
85) Benzo(a)anthracene	21.430	228	702118	29.202	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	425752	30.996	ng/ul	99
87) Chrysene	21.495	228	666457	29.223	ng/ul	99
89) Di-n-octyl phthalate	22.488	149	763686	32.549	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	755935	29.628	ng/ul	98
91) Benzo(k)fluoranthene	23.610	252	712832	28.013	ng/ul	98
93) Benzo(a)pyrene	24.380	252	647087	28.515	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.011	276	876287m	29.308	ng/ul	
95) Dibenzo(a,h)anthracene	28.076	278	720633	29.393	ng/ul	100
96) Benzo(g,h,i)perylene	29.110	276	667201	27.389	ng/ul	98

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

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