Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058156.D
Acq On : 11 Jul 2023 12:12
Operator : CG/JU
Sample : PB153956BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 23:10:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS956

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	46985	20.000	ng/ul	0.00
20) Naphthalene-d8	10.779	136	217689	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	148660	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.347	188	343709	20.000	ng/ul	0.00
79) Chrysene-d12	21.607	240	293933	20.000	ng/ul	0.00
88) Perylene-d12	24.798	264	347660	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6602	4.920	ng/uL	0.00
4) Pyridine-d5	3.810	84	103309	25.361	ng/ul	0.00
7) Phenol-d5	7.136	99	146617	30.556	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	85260	29.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	100235	30.288	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	106905	29.527	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	52788	29.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.856	143	59087	31.687	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	110737	30.956	ng/ul	0.00
31) 4-Chloroaniline-d4	10.914	131	147138	27.129	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	330569	28.183	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	382741	29.903	ng/ul	0.00
54) 4-Nitrophenol-d4	14.803	143	57009	27.510	ng/ul	0.00
60) Fluorene-d10	15.597	176	292298	29.343	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.714	200	51759	27.733	ng/ul	0.00
73) Anthracene-d10	17.447	188	465901	29.212	ng/ul	0.00
81) Pyrene-d10	19.733	212	529635	28.610	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.580	264	550044	31.054	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	14877	8.975	ng/uL#	89
5) Pyridine	3.828	79	98899	23.695	ng/ul	98
6) Benzaldehyde	7.112	77	64056	39.974	ng/ul	99
8) Phenol	7.159	94	134602	27.643	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.388	93	100165	26.642	ng/ul	98
12) 2-Chlorophenol	7.535	128	94936	27.567	ng/ul	97
13) 2-Methylphenol	8.411	108	104251	27.261	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	151372	26.156	ng/ul	97
16) Acetophenone	8.793	105	163906	27.286	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	83281	25.934	ng/ul	98
18) 4-Methylphenol	8.740	108	117101	28.319	ng/ul	98
19) Hexachloroethane	9.057	117	34819	26.374	ng/ul	97
22) Nitrobenzene	9.181	77	123195	26.747	ng/ul	95
23) Isophorone	9.698	82	247247	25.157	ng/ul	98
25) 2-Nitrophenol	9.891	139	56872	28.423	ng/ul	94
26) 2,4-Dimethylphenol	9.944	107	118075	26.242	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.179	93	143119	25.842	ng/ul	99
29) 2,4-Dichlorophenol	10.426	162	96950	27.875	ng/ul	93
30) Naphthalene	10.832	128	329765	26.956	ng/ul	98
32) 4-Chloroaniline	10.937	127	109212	19.693	ng/ul	98
33) Hexachlorobutadiene	11.108	225	65598	26.641	ng/ul	97
34) Caprolactam	11.689	113	33641m	24.058	ng/ul	
35) 4-Chloro-3-methylphenol	12.060	107	116985	27.382	ng/ul	99
36) 2-Methylnaphthalene	12.436	142	220419	26.728	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.653	142	220444	26.657	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.800	216	131073	28.932	ng/ul	97
40) Hexachlorocyclopentadiene	12.776	237	40785	14.293	ng/ul	98
41) 2,4,6-Trichlorophenol	13.041	196	84701	27.586	ng/ul	95
42) 2,4,5-Trichlorophenol	13.117	196	92209	27.768	ng/ul	99
43) 1,1'-Biphenyl	13.434	154	295887	27.619	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	238476	27.736	ng/ul	99
45) 2-Nitroaniline	13.687	65	83251	27.849	ng/ul	98
47) Dimethylphthalate	14.051	163	304659	25.853	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	65781	27.195	ng/ul	97
50) Acenaphthylene	14.327	152	376515	27.240	ng/ul	100
51) 3-Nitroaniline	14.504	138	66143	32.357	ng/ul	97
52) Acenaphthene	14.668	153	259287	27.338	ng/ul	98
53) 2,4-Dinitrophenol	14.715	184	30372	24.085	ng/ul	93
55) 4-Nitrophenol	14.815	109	37668m	24.537	ng/ul	
56) Dibenzofuran	15.003	168	367573	27.263	ng/ul	100
57) 2,4-Dinitrotoluene	14.962	165	93342	27.236	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.226	232	76738	25.385	ng/ul	99
59) Diethylphthalate	15.414	149	308441	25.078	ng/ul	98
61) Fluorene	15.649	166	297785	26.919	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.638	204	157923	26.980	ng/ul	99
63) 4-Nitroaniline	15.667	138	64536m	35.243	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.726	198	49545	25.959	ng/ul	92
67) N-Nitrosodiphenylamine	15.855	169	253849	27.752	ng/ul	97
68) 4-Bromophenyl-phenylether	16.531	248	106359	28.191	ng/ul	98
69) Hexachlorobenzene	16.654	284	114143	27.022	ng/ul	100
70) Atrazine	16.795	200	52859	14.131	ng/ul	98
71) Pentachlorophenol	16.995	266	53691	21.172	ng/ul	97
72) Phenanthrene	17.389	178	476860	27.275	ng/ul	99
74) Anthracene	17.483	178	475741	26.890	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.405	216	135011	29.618	ng/uL	97
76) Pentachlorobenzene	14.921	250	317440	65.205	ng/uL	99
77) Carbazole	17.747	167	440656	27.539	ng/ul	99
78) Di-n-butylphthalate	18.299	149	528223	25.915	ng/ul	99
80) Fluoranthene	19.398	202	563073	26.250	ng/ul	99
82) Pyrene	19.762	202	569748	26.386	ng/ul	99
83) Butylbenzylphthalate	20.638	149	230842	26.364	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.501	252	230396	32.378	ng/ul	98
85) Benzo(a)anthracene	21.584	228	571690	27.088	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.478	149	326651	26.034	ng/ul	98
87) Chrysene	21.648	228	551430	27.872	ng/ul	98
89) Di-n-octyl phthalate	22.676	149	596620	27.930	ng/ul	100
90) Benzo(b)fluoranthene	23.781	252	589188	27.371	ng/ul	98
91) Benzo(k)fluoranthene	23.846	252	596991	28.294	ng/ul	99
93) Benzo(a)pyrene	24.645	252	528098	27.717	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.440	276	674222m	26.648	ng/ul	
95) Dibenzo(a,h)anthracene	28.499	278	568062m	27.228	ng/ul	
96) Benzo(g,h,i)perylene	29.586	276	492268m	23.821	ng/ul	

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

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