Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081722\
Data File : BG054643.D
Acq On : 17 Aug 2022 16:50
Operator : CG/JU
Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 02:23:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 02:20:33 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020437

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	44527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.991	136	187878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.798	164	124027	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.542	188	277314	20.000	ng/ul	0.00
79) Chrysene-d12	21.843	240	259287	20.000	ng/ul	0.00
88) Perylene-d12	25.221	264	267616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.517	96	9000	9.617	ng/uL	0.00
4) Pyridine-d5	3.940	84	63290	24.865	ng/ul	0.00
7) Phenol-d5	7.301	99	72852	22.838	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.483	67	47585	24.729	ng/ul	0.00
11) 2-Chlorophenol-d4	7.689	132	52678	20.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.858	113	55286	20.326	ng/ul	0.00
21) Nitrobenzene-d5	9.334	128	22363	16.036	ng/ul	0.00
24) 2-Nitrophenol-d4	10.062	143	20144	13.595	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.597	165	54547	16.639	ng/ul	0.00
31) 4-Chloroaniline-d4	11.120	131	77751	18.774	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	164620	16.872	ng/ul	0.00
49) Acenaphthylene-d8	14.492	160	196262	18.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	24488	18.329	ng/ul	0.00
60) Fluorene-d10	15.785	176	150040	17.120	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.885	200	15242	10.076	ng/ul	0.00
73) Anthracene-d10	17.642	188	233001	18.604	ng/ul	0.00
81) Pyrene-d10	19.921	212	266101	19.683	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.986	264	254365	18.830	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	9928	9.722	ng/uL	100
5) Pyridine	3.958	79	65394	24.773	ng/ul	100
6) Benzaldehyde	7.295	77	37553	23.118	ng/ul	100
8) Phenol	7.330	94	71953	21.617	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.577	93	60801	24.115	ng/ul	100
12) 2-Chlorophenol	7.724	128	56705	21.833	ng/ul	100
13) 2-Methylphenol	8.593	108	55208	21.367	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	97870	26.133	ng/ul	100
16) Acetophenone	8.993	105	88848	21.122	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.970	70	47883	22.330	ng/ul	100
18) 4-Methylphenol	8.923	108	58776	21.265	ng/ul	100
19) Hexachloroethane	9.263	117	22872	20.782	ng/ul	100
22) Nitrobenzene	9.381	77	59853	18.019	ng/ul	100
23) Isophorone	9.904	82	131487	20.417	ng/ul	100
25) 2-Nitrophenol	10.092	139	23978	15.433	ng/ul	100
26) 2,4-Dimethylphenol	10.139	107	64818	19.105	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.386	93	79301	21.873	ng/ul	100
29) 2,4-Dichlorophenol	10.626	162	51947	15.846	ng/ul	100
30) Naphthalene	11.044	128	187574	20.126	ng/ul	100
32) 4-Chloroaniline	11.143	127	79889	19.453	ng/ul	100
33) Hexachlorobutadiene	11.320	225	38623	12.062	ng/ul	100
34) Caprolactam	11.896	113	17196m	17.578	ng/ul	
35) 4-Chloro-3-methylphenol	12.242	107	57217	18.149	ng/ul	100
36) 2-Methylnaphthalene	12.636	142	128772	18.678	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.853	142	127584	18.556	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.994	216	72163	14.314	ng/ul	100
40)	Hexachlorocyclopentadiene	12.977	237	43327	15.324	ng/ul	100
41)	2,4,6-Trichlorophenol	13.229	196	42473	16.233	ng/ul	100
42)	2,4,5-Trichlorophenol	13.300	196	47415	16.029	ng/ul	100
43)	1,1'-Biphenyl	13.635	154	170962	19.888	ng/ul	100
44)	2-Chloronaphthalene	13.676	162	128905	18.057	ng/ul	100
45)	2-Nitroaniline	13.870	65	30676	17.081	ng/ul	100
47)	Dimethylphthalate	14.240	163	168613	17.980	ng/ul	100
48)	2,6-Dinitrotoluene	14.363	165	25713	13.633	ng/ul	100
50)	Acenaphthylene	14.522	152	217049	19.924	ng/ul	100
51)	3-Nitroaniline	14.692	138	25389	16.582	ng/ul	100
52)	Acenaphthene	14.857	153	144604	19.877	ng/ul	100
53)	2,4-Dinitrophenol	14.892	184	10684	12.228	ng/ul	100
55)	4-Nitrophenol	14.974	109	20720	15.821	ng/ul	100
56)	Dibenzofuran	15.192	168	198525	17.835	ng/ul	100
57)	2,4-Dinitrotoluene	15.145	165	35554	12.995	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.409	232	38119	14.830	ng/ul	100
59)	Diethylphthalate	15.603	149	167407	18.206	ng/ul	100
61)	Fluorene	15.844	166	162468	17.921	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.832	204	82964	14.393	ng/ul	100
63)	4-Nitroaniline	15.850	138	24489m	16.634	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.903	198	16723	11.516	ng/ul	100
67)	N-Nitrosodiphenylamine	16.044	169	144301	21.284	ng/ul	100
68)	4-Bromophenyl-phenylether	16.725	248	54977	15.960	ng/ul	100
69)	Hexachlorobenzene	16.837	284	63557	15.743	ng/ul	100
70)	Atrazine	16.984	200	54779	16.450	ng/ul	100
71)	Pentachlorophenol	17.183	266	32524	19.006	ng/ul	100
72)	Phenanthrene	17.583	178	266261	19.380	ng/ul	100
74)	Anthracene	17.677	178	270403	19.529	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.599	216	76262	16.146	ng/uL	100
76)	Pentachlorobenzene	15.109	250	72000	16.574	ng/uL	100
77)	Carbazole	17.941	167	244776	21.442	ng/ul	100
78)	Di-n-butylphthalate	18.494	149	287259	22.102	ng/ul	100
80)	Fluoranthene	19.586	202	331640	21.975	ng/ul	100
82)	Pyrene	19.951	202	328611	21.901	ng/ul	100
83)	Butylbenzylphthalate	20.832	149	113267	25.049	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.725	252	110447	20.583	ng/ul	100
85)	Benzo(a)anthracene	21.819	228	312031	19.524	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.725	149	168684	25.529	ng/ul	100
87)	Chrysene	21.890	228	299016	19.502	ng/ul	100
89)	Di-n-octyl phthalate	23.000	149	280101	24.371	ng/ul	100
90)	Benzo(b)fluoranthene	24.140	252	323930	19.603	ng/ul	100
91)	Benzo(k)fluoranthene	24.210	252	308354	19.488	ng/ul	100
93)	Benzo(a)pyrene	25.057	252	315878	19.844	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	29.105	276	362467	18.926	ng/ul	100
95)	Dibenzo(a,h)anthracene	29.187	278	310480	19.264	ng/ul	100
96)	Benzo(g,h,i)perylene	30.321	276	303349	18.760	ng/ul	100

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

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