Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081722\
Data File : BG054644.D
Acq On : 17 Aug 2022 17:33
Operator : CG/JU
Sample : SSTD04038
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 03:02:45 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 :
SSTD040438

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	42829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.991	136	173168	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.799	164	109127	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.543	188	238900	20.000	ng/ul	0.00
79) Chrysene-d12	21.843	240	216824	20.000	ng/ul	0.00
88) Perylene-d12	25.222	264	230936	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.518	96	17842	19.821	ng/uL	0.00
4) Pyridine-d5	3.941	84	134954	55.121	ng/ul	0.00
7) Phenol-d5	7.302	99	150294	48.983	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.484	67	95869	51.796	ng/ul	0.00
11) 2-Chlorophenol-d4	7.689	132	108161	44.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.864	113	113524	43.393	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	48933	38.070	ng/ul	0.00
24) 2-Nitrophenol-d4	10.063	143	45189	33.089	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.598	165	111009	36.739	ng/ul	0.00
31) 4-Chloroaniline-d4	11.121	131	151128	39.591	ng/ul	0.00
46) Dimethylphthalate-d6	14.199	166	311961	36.338	ng/ul	0.00
49) Acenaphthylene-d8	14.493	160	376625	40.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	49939	42.483	ng/ul	0.00
60) Fluorene-d10	15.786	176	280907	36.428	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	33375	25.610	ng/ul	0.00
73) Anthracene-d10	17.642	188	430757	39.925	ng/ul	0.00
81) Pyrene-d10	19.922	212	481320	42.576	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.993	264	485867	41.680	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	20098	20.461	ng/uL	93
5) Pyridine	3.958	79	132793	52.300	ng/ul	99
6) Benzaldehyde	7.296	77	79737	51.033	ng/ul	99
8) Phenol	7.331	94	150937	47.145	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.578	93	121419	50.067	ng/ul	98
12) 2-Chlorophenol	7.725	128	115863	46.379	ng/ul	99
13) 2-Methylphenol	8.594	108	113752	45.771	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.694	45	200487	55.656	ng/ul	98
16) Acetophenone	8.994	105	176058	43.514	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.976	70	95917	46.504	ng/ul	98
18) 4-Methylphenol	8.929	108	118900	44.723	ng/ul	97
19) Hexachloroethane	9.264	117	47143	44.534	ng/ul	97
22) Nitrobenzene	9.382	77	127078	41.507	ng/ul	95
23) Isophorone	9.904	82	264473	44.555	ng/ul	99
25) 2-Nitrophenol	10.092	139	53457	37.329	ng/ul	98
26) 2,4-Dimethylphenol	10.139	107	130303	41.670	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.386	93	158447	47.415	ng/ul	98
29) 2,4-Dichlorophenol	10.627	162	105288	34.845	ng/ul	98
30) Naphthalene	11.044	128	367584	42.791	ng/ul	99
32) 4-Chloroaniline	11.144	127	153203	40.473	ng/ul	94
33) Hexachlorobutadiene	11.320	225	77550	26.276	ng/ul	98
34) Caprolactam	11.902	113	34928m	38.736	ng/ul	
35) 4-Chloro-3-methylphenol	12.243	107	113645	39.110	ng/ul	100
36) 2-Methylnaphthalene	12.637	142	250867	39.478	ng/ul	100

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37) 1-Methylnaphthalene	12.854	142	249784	39.415	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.995	216	138931	31.321	ng/ul	98
40) Hexachlorocyclopentadiene	12.977	237	88736	35.670	ng/ul	99
41) 2,4,6-Trichlorophenol	13.230	196	87266	37.906	ng/ul	97
42) 2,4,5-Trichlorophenol	13.300	196	92541	35.557	ng/ul	98
43) 1,1'-Biphenyl	13.635	154	327104	43.247	ng/ul	100
44) 2-Chloronaphthalene	13.682	162	246253	39.206	ng/ul	98
45) 2-Nitroaniline	13.876	65	65656	41.550	ng/ul	97
47) Dimethylphthalate	14.246	163	312899	37.921	ng/ul	99
48) 2,6-Dinitrotoluene	14.364	165	55821	33.637	ng/ul	98
50) Acenaphthylene	14.523	152	409134	42.684	ng/ul	99
51) 3-Nitroaniline	14.693	138	54540	40.486	ng/ul	99
52) Acenaphthene	14.863	153	272512	42.574	ng/ul	99
53) 2,4-Dinitrophenol	14.893	184	23534	30.612	ng/ul	96
55) 4-Nitrophenol	14.981	109	40502	35.149	ng/ul	98
56) Dibenzofuran	15.192	168	373051	38.091	ng/ul	98
57) 2,4-Dinitrotoluene	15.145	165	74952	31.136	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.410	232	77294	34.177	ng/ul	97
59) Diethylphthalate	15.604	149	312157	38.583	ng/ul	99
61) Fluorene	15.845	166	300045	37.616	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.833	204	155571	30.674	ng/ul	98
63) 4-Nitroaniline	15.856	138	51837	40.017	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.909	198	35949	28.736	ng/ul#	90
67) N-Nitrosodiphenylamine	16.044	169	271934	46.560	ng/ul	98
68) 4-Bromophenyl-phenylether	16.726	248	103995	35.045	ng/ul	97
69) Hexachlorobenzene	16.837	284	116853	33.598	ng/ul	97
70) Atrazine	16.990	200	103223	35.983	ng/ul	97
71) Pentachlorophenol	17.178	266	66062	44.813	ng/ul	95
72) Phenanthrene	17.584	178	494778	41.803	ng/ul	99
74) Anthracene	17.678	178	492431	41.283	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.600	216	147473	36.243	ng/uL	98
76) Pentachlorobenzene	15.110	250	136501	36.474	ng/uL	99
77) Carbazole	17.942	167	446667	45.418	ng/ul	98
78) Di-n-butylphthalate	18.494	149	536896	47.951	ng/ul	100
80) Fluoranthene	19.587	202	606991	48.096	ng/ul	98
82) Pyrene	19.951	202	586790	46.766	ng/ul	98
83) Butylbenzylphthalate	20.833	149	219558	58.064	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.732	252	205990	45.908	ng/ul	95
85) Benzo(a)anthracene	21.820	228	567718	42.479	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.726	149	326682	59.123	ng/ul	99
87) Chrysene	21.890	228	546642	42.635	ng/ul	98
89) Di-n-octyl phthalate	23.001	149	554129	55.871	ng/ul	100
90) Benzo(b)fluoranthene	24.141	252	621683	43.597	ng/ul	98
91) Benzo(k)fluoranthene	24.217	252	564624	41.352	ng/ul	99
93) Benzo(a)pyrene	25.069	252	590940	43.020	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.111	276	691162	41.822	ng/ul	99
95) Dibenzo(a,h)anthracene	29.188	278	586000	42.134	ng/ul	99
96) Benzo(g,h,i)perylene	30.333	276	582119	41.718	ng/ul	99

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

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