Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022323\
Data File : BG056711.D
Acq On : 23 Feb 2023 13:36
Operator : CG/JU
Sample : SSTD04062
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 23 14:17:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 23 14:15:21 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040417

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/24/2023
Supervised By :mohammad ahmed 02/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.428	152	17391	20.000	ng/ul	0.00
20) Naphthalene-d8	11.265	136	77781	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.032	164	61585	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.764	188	150663	20.000	ng/ul	0.00
79) Chrysene-d12	22.076	240	116207	20.000	ng/ul	0.00
88) Perylene-d12	25.607	264	125496	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.704	96	5676	19.920	ng/uL	0.00
4) Pyridine-d5	4.144	84	50350	38.888	ng/ul	0.00
7) Phenol-d5	7.546	99	72355	42.611	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.728	67	44281	41.549	ng/ul	0.00
11) 2-Chlorophenol-d4	7.952	132	48653	43.317	ng/ul	0.00
15) 4-Methylphenol-d8	9.115	113	55958	42.858	ng/ul	0.00
21) Nitrobenzene-d5	9.597	128	26937	41.491	ng/ul	0.00
24) 2-Nitrophenol-d4	10.331	143	32435	43.145	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.872	165	61769	43.362	ng/ul	0.00
31) 4-Chloroaniline-d4	11.389	131	78014	40.846	ng/ul	0.00
46) Dimethylphthalate-d6	14.415	166	201797	40.866	ng/ul	0.00
49) Acenaphthylene-d8	14.732	160	230431	41.152	ng/ul	0.00
54) 4-Nitrophenol-d4	15.190	143	34209	38.933	ng/ul	0.00
60) Fluorene-d10	16.013	176	185133	40.151	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.119	200	41822	44.520	ng/ul	0.00
73) Anthracene-d10	17.864	188	294281	40.056	ng/ul	0.00
81) Pyrene-d10	20.126	212	317627	40.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.372	264	272770	40.251	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.739	88	6338	16.781	ng/uL#	90
5) Pyridine	4.162	79	55939m	41.232	ng/ul	
6) Benzaldehyde	7.546	77	42177	37.752	ng/ul	99
8) Phenol	7.576	94	73298	41.415	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.822	93	53842	42.991	ng/ul	95
12) 2-Chlorophenol	7.981	128	47895	42.726	ng/ul	94
13) 2-Methylphenol	8.851	108	55061	41.541	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.945	45	71943	42.511	ng/ul	98
16) Acetophenone	9.256	105	93813	40.618	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.233	70	54125	41.747	ng/ul	97
18) 4-Methylphenol	9.180	108	60434	41.639	ng/ul	100
19) Hexachloroethane	9.526	117	20689	43.062	ng/ul	93
22) Nitrobenzene	9.644	77	78785	42.501	ng/ul	96
23) Isophorone	10.167	82	152108	41.415	ng/ul	98
25) 2-Nitrophenol	10.361	139	32659	43.691	ng/ul	95
26) 2,4-Dimethylphenol	10.402	107	72079	42.927	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.637	93	78150	42.664	ng/ul	99
29) 2,4-Dichlorophenol	10.895	162	58981	42.530	ng/ul#	93
30) Naphthalene	11.318	128	176247	41.449	ng/ul	98
32) 4-Chloroaniline	11.406	127	76807	39.912	ng/ul	97
33) Hexachlorobutadiene	11.589	225	47316	42.527	ng/ul	94
34) Caprolactam	12.164	113	20555m	42.064	ng/ul	
35) 4-Chloro-3-methylphenol	12.493	107	67283	41.750	ng/ul	97
36) 2-Methylnaphthalene	12.887	142	126375	41.557	ng/ul	95

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37) 1-Methylnaphthalene	13.104	142	125814	42.078	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.245	216	90923	42.839	ng/ul	96
40) Hexachlorocyclopentadiene	13.222	237	64241	45.513	ng/ul	96
41) 2,4,6-Trichlorophenol	13.475	196	60756	42.844	ng/ul	97
42) 2,4,5-Trichlorophenol	13.545	196	65343	42.042	ng/ul	96
43) 1,1'-Biphenyl	13.868	154	183278	40.885	ng/ul	98
44) 2-Chloronaphthalene	13.921	162	153017	41.424	ng/ul	93
45) 2-Nitroaniline	14.109	65	53470	42.277	ng/ul	96
47) Dimethylphthalate	14.462	163	201712	39.652	ng/ul#	99
48) 2,6-Dinitrotoluene	14.591	165	43040	42.387	ng/ul	94
50) Acenaphthylene	14.761	152	228844	40.191	ng/ul	100
51) 3-Nitroaniline	14.920	138	38456	37.847	ng/ul#	99
52) Acenaphthene	15.096	153	160707	41.382	ng/ul	95
53) 2,4-Dinitrophenol	15.120	184	26989	46.074	ng/ul	95
55) 4-Nitrophenol	15.208	109	39819	40.032	ng/ul	96
56) Dibenzofuran	15.425	168	238723	39.957	ng/ul	97
57) 2,4-Dinitrotoluene	15.372	165	61003	41.519	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.643	232	59790	41.314	ng/ul	96
59) Diethylphthalate	15.813	149	201096	39.226	ng/ul	99
61) Fluorene	16.072	166	190942	39.821	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.048	204	113476	40.193	ng/ul	96
63) 4-Nitroaniline	16.077	138	37561	37.640	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.130	198	39854	43.804	ng/ul#	96
67) N-Nitrosodiphenylamine	16.260	169	171256	41.144	ng/ul	98
68) 4-Bromophenyl-phenylether	16.941	248	77272	41.025	ng/ul	97
69) Hexachlorobenzene	17.070	284	84257	41.643	ng/ul	99
70) Atrazine	17.194	200	73255	39.375	ng/ul	94
71) Pentachlorophenol	17.405	266	47484	44.396	ng/ul	96
72) Phenanthrene	17.805	178	327586	40.185	ng/ul	98
74) Anthracene	17.899	178	326625	39.078	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.845	216	96751	43.898	ng/uL	99
76) Pentachlorobenzene	15.343	250	98909	43.900	ng/uL	98
77) Carbazole	18.157	167	275800	38.633	ng/ul	99
78) Di-n-butylphthalate	18.686	149	315949	39.585	ng/ul	99
80) Fluoranthene	19.791	202	389936	40.884	ng/ul	99
82) Pyrene	20.149	202	376877	39.742	ng/ul	99
83) Butylbenzylphthalate	21.013	149	123169	42.082	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.947	252	120929	37.142	ng/ul	95
85) Benzo(a)anthracene	22.053	228	343517	40.686	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.918	149	167593	40.139	ng/ul	100
87) Chrysene	22.129	228	317625	40.390	ng/ul	99
89) Di-n-octyl phthalate	23.234	149	281359	40.974	ng/ul	100
90) Benzo(b)fluoranthene	24.479	252	340959	40.792	ng/ul	99
91) Benzo(k)fluoranthene	24.556	252	334386	40.821	ng/ul	98
93) Benzo(a)pyrene	25.449	252	295605	39.708	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.697	276	404621	40.286	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.767	278	339935	40.594	ng/ul	95
96) Benzo(g,h,i)perylene	30.984	276	326822	40.925	ng/ul	98

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

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