

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
 Data File : BG050810.D
 Acq On : 2 Nov 2021 9:27
 Operator : CG/JU
 Sample : SSTD00512
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005412

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 14:40:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:25:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	34647	20.000	ng/u1	0.00
20) Naphthalene-d8	11.058	136	148310	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.854	164	99868	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.603	188	221213	20.000	ng/u1	0.00
79) Chrysene-d12	21.898	240	203712	20.000	ng/u1	0.00
88) Perylene-d12	25.300	264	197019	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	1832	1.707	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.762	132	11508	4.493	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.401	128	5747	4.560	ng/u1	0.00
24) 2-Nitrophenol-d4	10.136	143	6352	4.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	10317	4.370	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.248	166	35446	4.639	ng/u1	0.00
49) Acenaphthylene-d8	14.554	160	44980	4.725	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.841	176	32312	4.774	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.697	188	52511	5.021	ng/u1	0.00
81) Pyrene-d10	19.977	212	59796	4.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.065	264	48575	4.460	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.626	88	1980	1.679	ng/uL#	92
12) 2-Chlorophenol	7.791	128	12084	4.646	ng/u1#	88
17) N-Nitroso-di-n-propyla...	9.031	70	11767	4.314	ng/u1#	98
19) Hexachloroethane	9.319	117	5022	4.618	ng/u1	97
22) Nitrobenzene	9.448	77	16594	4.721	ng/u1	98
23) Isophorone	9.965	82	31103	4.559	ng/u1	98
25) 2-Nitrophenol	10.165	139	6137	4.365	ng/u1	99
26) 2,4-Dimethylphenol	10.206	107	14074	4.548	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.447	93	16688	4.540	ng/u1#	96
29) 2,4-Dichlorophenol	10.700	162	10282	4.465	ng/u1	96
30) Naphthalene	11.105	128	38949	4.803	ng/u1	96
33) Hexachlorobutadiene	11.381	225	6963	4.607	ng/u1	99
35) 4-Chloro-3-methylphenol	12.315	107	12800	4.351	ng/u1	91
36) 2-Methylnaphthalene	12.697	142	26073	4.719	ng/u1	99
37) 1-Methylnaphthalene	12.915	142	25793	4.607	ng/u1#	97
39) 1,2,4,5-Tetrachloroben...	13.062	216	13447	4.621	ng/u1#	88
41) 2,4,6-Trichlorophenol	13.297	196	7886	4.142	ng/u1	96
42) 2,4,5-Trichlorophenol	13.379	196	9254m	4.527	ng/u1	
43) 1,1'-Biphenyl	13.690	154	35048	4.801	ng/u1	97
44) 2-Chloronaphthalene	13.743	162	27775	4.855	ng/u1	98
45) 2-Nitroaniline	13.943	65	9998	4.399	ng/u1	95
47) Dimethylphthalate	14.295	163	35929	4.703	ng/u1	96
48) 2,6-Dinitrotoluene	14.430	165	7039	4.402	ng/u1#	85
50) Acenaphthylene	14.583	152	46003	4.822	ng/u1	98

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52) Acenaphthene	14.918	153	29625	4.722	ng/ul	95
56) Dibenzofuran	15.253	168	43326	4.825	ng/ul	98
57) 2,4-Dinitrotoluene	15.212	165	9891	4.334	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.476	232	6202	3.861	ng/ul#	98
59) Diethylphthalate	15.647	149	37594	4.597	ng/ul	97
61) Fluorene	15.899	166	35417	4.983	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.888	204	17745	4.795	ng/ul	96
67) N-Nitrosodiphenylamine	16.099	169	29823	4.823	ng/ul	100
68) 4-Bromophenyl-phenylether	16.781	248	10295	4.679	ng/ul	97
69) Hexachlorobenzene	16.904	284	10519	4.650	ng/ul	95
72) Phenanthrene	17.644	178	57771	4.892	ng/ul	97
74) Anthracene	17.732	178	59449	5.018	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.661	216	14224	4.722	ng/uL	95
76) Pentachlorobenzene	15.171	250	13251	4.748	ng/uL	97
78) Di-n-butylphthalate	18.537	149	69208	4.960	ng/ul	98
80) Fluoranthene	19.642	202	71618	4.536	ng/ul	98
82) Pyrene	20.006	202	72653	4.709	ng/ul	99
83) Butylbenzylphthalate	20.870	149	30031	4.526	ng/ul	92
85) Benzo(a)anthracene	21.875	228	65799	4.666	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.745	149	44069	4.627	ng/ul	93
87) Chrysene	21.945	228	64242	4.769	ng/ul	98
90) Benzo(b)fluoranthene	24.207	252	62940	4.484	ng/ul	99
91) Benzo(k)fluoranthene	24.284	252	61308	4.655	ng/ul	99
93) Benzo(a)pyrene	25.136	252	60302	4.511	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.207	276	65679m	4.410	ng/ul	
95) Dibenzo(a,h)anthracene	29.278	278	56836	4.511	ng/ul	99
96) Benzo(g,h,i)perylene	30.424	276	55989m	4.500	ng/ul	

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

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