

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110221\
 Data File : BG050805.D
 Acq On : 1 Nov 2021 20:49
 Operator : CG/JU
 Sample : SSTD04057
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040408

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

11/02/2021
 Supervised By :mohammad
 ahmed

Quant Time: Nov 02 00:52:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 00:48:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	29397	20.000	ng/u1	0.00
20) Naphthalene-d8	11.062	136	136547	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.857	164	91428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.601	188	211073	20.000	ng/u1	0.00
79) Chrysene-d12	21.902	240	175520	20.000	ng/u1	0.00
88) Perylene-d12	25.298	264	174963	20.000	ng/u1	0.00

11/03/2021

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	14129	18.937	ng/uL	0.00
4) Pyridine-d5	4.017	84	105005	44.443	ng/u1	0.00
7) Phenol-d5	7.378	99	126194	46.195	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	81701	46.486	ng/u1	0.00
11) 2-Chlorophenol-d4	7.760	132	91080	47.466	ng/u1	0.00
15) 4-Methylphenol-d8	8.935	113	98464	46.683	ng/u1	0.00
21) Nitrobenzene-d5	9.405	128	48758	46.782	ng/u1	0.00
24) 2-Nitrophenol-d4	10.134	143	54794	46.620	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	90119	43.661	ng/u1	0.00
31) 4-Chloroaniline-d4	11.191	131	131980	43.568	ng/u1	0.00
46) Dimethylphthalate-d6	14.252	166	291607	45.162	ng/u1	0.00
49) Acenaphthylene-d8	14.558	160	359840	44.874	ng/u1	0.00
54) 4-Nitrophenol-d4	15.045	143	53448	45.738	ng/u1	0.00
60) Fluorene-d10	15.845	176	254541	45.872	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	54210	43.888	ng/u1	0.00
73) Anthracene-d10	17.701	188	402622	44.489	ng/u1	0.00
81) Pyrene-d10	19.975	212	464789	46.468	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.069	264	378969	42.098	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.624	88	15873	17.150	ng/uL 98
5) Pyridine	4.035	79	113312	46.122	ng/u1 98
6) Benzaldehyde	7.366	77	96104	70.507	ng/u1 98
8) Phenol	7.407	94	129745	45.529	ng/u1 98
10) Bis(2-Chloroethyl)ether	7.642	93	98768	45.940	ng/u1 96
12) 2-Chlorophenol	7.795	128	90590	46.970	ng/u1 99
13) 2-Methylphenol	8.671	108	96756	45.858	ng/u1 99
14) 2,2'-oxybis(1-Chloropr...	8.753	45	155015	45.670	ng/u1 98
16) Acetophenone	9.058	105	152112	46.048	ng/u1 96
17) N-Nitroso-di-n-propyla...	9.041	70	92932	46.514	ng/u1 96
18) 4-Methylphenol	9.000	108	101821	45.757	ng/u1 92
19) Hexachloroethane	9.323	117	37872	45.504	ng/u1 88
22) Nitrobenzene	9.452	77	132340	43.690	ng/u1 98
23) Isophorone	9.969	82	253551	44.032	ng/u1 100
25) 2-Nitrophenol	10.163	139	54818	44.759	ng/u1 95
26) 2,4-Dimethylphenol	10.210	107	117999	44.071	ng/u1 99
27) Bis(2-Chloroethoxy)met...	10.445	93	135733	43.474	ng/u1 99
29) 2,4-Dichlorophenol	10.704	162	88981	44.620	ng/u1 99
30) Naphthalene	11.115	128	302304	43.400	ng/u1 99
32) 4-Chloroaniline	11.215	127	132243	43.467	ng/u1 99
33) Hexachlorobutadiene	11.379	225	59033	43.680	ng/u1 96
34) Caprolactam	11.978	113	36857m	44.528	ng/u1
35) 4-Chloro-3-methylphenol	12.319	107	113163	45.579	ng/u1 99
36) 2-Methylnaphthalene	12.701	142	205387	44.087	ng/u1 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.919	142	208471	44.305	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.060	216	112411	44.258	ng/ul	97
40) Hexachlorocyclopentadiene	13.030	237	55781	40.860	ng/ul	96
41) 2,4,6-Trichlorophenol	13.295	196	76273	45.622	ng/ul	95
42) 2,4,5-Trichlorophenol	13.371	196	78587	44.540	ng/ul	94
43) 1,1'-Biphenyl	13.694	154	274468	43.328	ng/ul	99
44) 2-Chloronaphthalene	13.741	162	215096	43.846	ng/ul	97
45) 2-Nitroaniline	13.941	65	86640	44.282	ng/ul	99
47) Dimethylphthalate	14.299	163	287509	44.342	ng/ul	99
48) 2,6-Dinitrotoluene	14.429	165	61851	46.293	ng/ul	95
50) Acenaphthylene	14.587	152	355265	43.335	ng/ul	99
51) 3-Nitroaniline	14.763	138	67967	52.644	ng/ul#	93
52) Acenaphthene	14.922	153	234150	43.719	ng/ul	98
53) 2,4-Dinitrophenol	14.969	184	34250	45.961	ng/ul	93
55) 4-Nitrophenol	15.063	109	49418	43.977	ng/ul	99
56) Dibenzofuran	15.257	168	334392	44.158	ng/ul	99
57) 2,4-Dinitrotoluene	15.216	165	89419	46.645	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.474	232	64542	46.929	ng/ul#	93
59) Diethylphthalate	15.651	149	310377	44.810	ng/ul	99
61) Fluorene	15.903	166	263310	43.806	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.886	204	141226	44.549	ng/ul	98
63) 4-Nitroaniline	15.921	138	68853	56.971	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.980	198	51886	43.485	ng/ul#	93
67) N-Nitrosodiphenylamine	16.097	169	240161	42.821	ng/ul	98
68) 4-Bromophenyl-phenylether	16.779	248	87703	44.102	ng/ul	97
69) Hexachlorobenzene	16.902	284	88378	43.514	ng/ul	97
70) Atrazine	17.037	200	104579	43.556	ng/ul	99
71) Pentachlorophenol	17.249	266	42039	40.617	ng/ul	95
72) Phenanthrene	17.642	178	453880	43.016	ng/ul	99
74) Anthracene	17.736	178	451375	42.884	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.665	216	118520	41.996	ng/uL	99
76) Pentachlorobenzene	15.175	250	109420	41.980	ng/uL	98
77) Carbazole	18.007	167	428943	43.889	ng/ul	99
78) Di-n-butylphthalate	18.535	149	542764	43.972	ng/ul	100
80) Fluoranthene	19.646	202	550405	43.175	ng/ul	99
82) Pyrene	20.004	202	536453	43.034	ng/ul	99
83) Butylbenzylphthalate	20.868	149	228548	43.248	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.785	252	182981	47.000	ng/ul	97
85) Benzo(a)anthracene	21.879	228	484744	43.546	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.749	149	327382	43.532	ng/ul	100
87) Chrysene	21.949	228	467531	44.111	ng/ul	98
89) Di-n-octyl phthalate	23.024	149	555395	43.601	ng/ul	100
90) Benzo(b)fluoranthene	24.217	252	486670	43.579	ng/ul	99
91) Benzo(k)fluoranthene	24.288	252	454045	43.625	ng/ul	99
93) Benzo(a)pyrene	25.145	252	467178	43.645	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.223	276	519171	43.891	ng/ul	99
95) Dibenzo(a,h)anthracene	29.282	278	441337	43.381	ng/ul	99
96) Benzo(g,h,i)perylene	30.457	276	435150	44.036	ng/ul	99

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

