

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051408.D
 Acq On : 8 Dec 2021 14:41
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020580

Quant Time: Dec 09 05:21:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.186	152	33355	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.018	136	143581	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.825	164	94095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	208677	20.000	ng/u1	0.00
79) Chrysene-d12	21.876	240	183084	20.000	ng/u1	0.00
88) Perylene-d12	25.278	264	183096	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	7075m	7.371	ng/uL	-0.01
4) Pyridine-d5	3.961	84	54235	19.256	ng/u1	-0.02
7) Phenol-d5	7.357	99	62830	19.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.504	67	40269	19.450	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.722	132	44826	18.883	ng/u1	-0.01
15) 4-Methylphenol-d8	8.908	113	49105	18.459	ng/u1	0.00
21) Nitrobenzene-d5	9.367	128	24167	19.939	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.095	143	27791	20.327	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.642	165	45764	19.728	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.159	131	64557	19.020	ng/u1	0.00
46) Dimethylphthalate-d6	14.214	166	141095	19.488	ng/u1	-0.01
49) Acenaphthylene-d8	14.520	160	179343	19.644	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.054	143	20702	17.665	ng/u1	0.00
60) Fluorene-d10	15.812	176	125687	19.278	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.953	200	23275	18.075	ng/u1	0.00
73) Anthracene-d10	17.675	188	194616	19.500	ng/u1	0.00
81) Pyrene-d10	19.954	212	221363	19.982	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.043	264	185566	18.977	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.568	88	7867m	7.267	ng/uL	
5) Pyridine	3.985	79	55215	18.840	ng/u1	96
6) Benzaldehyde	7.322	77	46440	22.121	ng/u1	97
8) Phenol	7.381	94	64152	18.785	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.598	93	48679	18.841	ng/u1	98
12) 2-Chlorophenol	7.757	128	46356	19.163	ng/u1	97
13) 2-Methylphenol	8.638	108	46939	18.452	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.703	45	73467	19.705	ng/u1	98
16) Acetophenone	9.020	105	77702	18.884	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.991	70	46181	19.530	ng/u1	99
18) 4-Methylphenol	8.973	108	50609	18.606	ng/u1	100
19) Hexachloroethane	9.273	117	19797	19.375	ng/u1	99
22) Nitrobenzene	9.408	77	64287	20.228	ng/u1	97
23) Isophorone	9.925	82	124176	20.111	ng/u1	98
25) 2-Nitrophenol	10.125	139	28358	20.025	ng/u1	97
26) 2,4-Dimethylphenol	10.178	107	58945	20.358	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.407	93	68279	20.031	ng/u1	99
29) 2,4-Dichlorophenol	10.671	162	44350	19.422	ng/u1	93
30) Naphthalene	11.065	128	150987	19.326	ng/u1	98
32) 4-Chloroaniline	11.182	127	65549	19.236	ng/u1	98
33) Hexachlorobutadiene	11.329	225	29072	18.458	ng/u1	97
34) Caprolactam	11.946	113	18285m	20.368	ng/u1	
35) 4-Chloro-3-methylphenol	12.299	107	53613	19.545	ng/u1	94
36) 2-Methylnaphthalene	12.657	142	101406	19.083	ng/u1	98

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37) 1-Methylnaphthalene	12.880	142	103498	18.931	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.021	216	56611	19.164	ng/ul	98
40) Hexachlorocyclopentadiene	12.986	237	34512	28.904	ng/ul	96
41) 2,4,6-Trichlorophenol	13.268	196	37413	20.182	ng/ul	96
42) 2,4,5-Trichlorophenol	13.356	196	39099	20.141	ng/ul	97
43) 1,1'-Biphenyl	13.656	154	137450	19.558	ng/ul	97
44) 2-Chloronaphthalene	13.709	162	108590	19.424	ng/ul	99
45) 2-Nitroaniline	13.914	65	40404	20.882	ng/ul	96
47) Dimethylphthalate	14.261	163	141982	19.374	ng/ul	99
48) 2,6-Dinitrotoluene	14.402	165	30657	19.915	ng/ul	94
50) Acenaphthylene	14.549	152	175479	19.455	ng/ul	98
51) 3-Nitroaniline	14.737	138	32115	21.106	ng/ul	95
52) Acenaphthene	14.890	153	116609	19.603	ng/ul	98
53) 2,4-Dinitrophenol	14.966	184	20954	24.626	ng/ul	92
55) 4-Nitrophenol	15.066	109	25127	24.716	ng/ul	96
56) Dibenzofuran	15.219	168	162547	18.944	ng/ul	98
57) 2,4-Dinitrotoluene	15.195	165	43326	19.706	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.454	232	28902	18.960	ng/ul	97
59) Diethylphthalate	15.612	149	151750	19.727	ng/ul	99
61) Fluorene	15.871	166	129863	18.895	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.847	204	68533	18.503	ng/ul	97
63) 4-Nitroaniline	15.906	138	33109m	22.360	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.971	198	22562	18.168	ng/ul#	95
67) N-Nitrosodiphenylamine	16.071	169	116664	19.529	ng/ul	97
68) 4-Bromophenyl-phenylether	16.746	248	42655	19.072	ng/ul	95
69) Hexachlorobenzene	16.876	284	42911	18.816	ng/ul	97
70) Atrazine	17.011	200	51494	20.510	ng/ul	98
71) Pentachlorophenol	17.228	266	20017m	19.808	ng/ul	
72) Phenanthrene	17.616	178	220596	19.146	ng/ul	100
74) Anthracene	17.710	178	224872	19.652	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.626	216	59714	19.618	ng/uL	98
76) Pentachlorobenzene	15.142	250	53802	18.971	ng/uL	98
77) Carbazole	17.980	167	207151	20.624	ng/ul	99
78) Di-n-butylphthalate	18.503	149	266948	20.612	ng/ul	99
80) Fluoranthene	19.619	202	272975	20.062	ng/ul	97
82) Pyrene	19.984	202	265931	19.980	ng/ul	96
83) Butylbenzylphthalate	20.842	149	114203	20.639	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.758	252	82407	19.332	ng/ul	99
85) Benzo(a)anthracene	21.858	228	239469	19.284	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.711	149	165918	20.838	ng/ul	98
87) Chrysene	21.923	228	231009	19.365	ng/ul	100
89) Di-n-octyl phthalate	22.974	149	270689	20.407	ng/ul	100
90) Benzo(b)fluoranthene	24.191	252	233415	18.890	ng/ul	98
91) Benzo(k)fluoranthene	24.261	252	225193	19.421	ng/ul	99
93) Benzo(a)pyrene	25.119	252	229101	19.434	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.196	276	249762	18.933	ng/ul	98
95) Dibenzo(a,h)anthracene	29.255	278	213337	19.063	ng/ul	96
96) Benzo(g,h,i)perylene	30.424	276	211736	19.078	ng/ul	97

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

