

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
 Data File : BG051286.D
 Acq On : 1 Dec 2021 12:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020568

Quant Time: Dec 01 16:36:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.195	152	26719	20.000	ng/u1	0.00
20) Naphthalene-d8	11.021	136	120134	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	80891	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.578	188	184164	20.000	ng/u1	0.00
79) Chrysene-d12	21.879	240	169583	20.000	ng/u1	0.00
88) Perylene-d12	25.275	264	170734	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	6315	8.213	ng/uL	-0.01
4) Pyridine-d5	3.959	84	43092	19.100	ng/u1	-0.02
7) Phenol-d5	7.349	99	50814	19.242	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	33249	20.048	ng/u1	0.00
11) 2-Chlorophenol-d4	7.725	132	36273	19.075	ng/u1	0.00
15) 4-Methylphenol-d8	8.906	113	40449	18.981	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	19391	19.121	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	21889	19.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	37647	19.396	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	54774	19.287	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	120903	19.425	ng/u1	0.00
49) Acenaphthylene-d8	14.523	160	155518	19.815	ng/u1	0.00
54) 4-Nitrophenol-d4	15.046	143	16311	16.190	ng/u1	0.00
60) Fluorene-d10	15.815	176	111225	19.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	18350	16.147	ng/u1	0.00
73) Anthracene-d10	17.678	188	171922	19.519	ng/u1	0.00
81) Pyrene-d10	19.952	212	200374	19.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.040	264	173448	19.022	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.565	88	6481	7.474	ng/uL	88
5) Pyridine	3.982	79	46728	19.904	ng/u1	97
6) Benzaldehyde	7.325	77	37289m	22.173	ng/u1	
8) Phenol	7.378	94	51728	18.909	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.601	93	40910	19.767	ng/u1	98
12) 2-Chlorophenol	7.754	128	36643	18.910	ng/u1	98
13) 2-Methylphenol	8.641	108	38649	18.967	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.706	45	60163	20.145	ng/u1	99
16) Acetophenone	9.023	105	64545	19.582	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.994	70	38146	20.139	ng/u1	97
18) 4-Methylphenol	8.970	108	41471	19.033	ng/u1	97
19) Hexachloroethane	9.276	117	15320	18.717	ng/u1	95
22) Nitrobenzene	9.411	77	53525	20.129	ng/u1	97
23) Isophorone	9.928	82	102473	19.835	ng/u1	96
25) 2-Nitrophenol	10.128	139	22418	18.920	ng/u1	98
26) 2,4-Dimethylphenol	10.181	107	48017	19.821	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.410	93	58352	20.460	ng/u1	98
29) 2,4-Dichlorophenol	10.674	162	35869	18.774	ng/u1	94
30) Naphthalene	11.074	128	126767	19.393	ng/u1	98
32) 4-Chloroaniline	11.185	127	55143	19.341	ng/u1	99
33) Hexachlorobutadiene	11.332	225	24772	18.797	ng/u1	97
34) Caprolactam	11.949	113	14547m	19.367	ng/u1	
35) 4-Chloro-3-methylphenol	12.302	107	45280	19.729	ng/u1	96
36) 2-Methylnaphthalene	12.666	142	86738	19.508	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.883	142	88572	19.363	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.030	216	48478	19.090	ng/ul	93
40) Hexachlorocyclopentadiene	12.995	237	16311	15.891	ng/ul	98
41) 2,4,6-Trichlorophenol	13.271	196	29450	18.480	ng/ul	98
42) 2,4,5-Trichlorophenol	13.353	196	29322	17.570	ng/ul	98
43) 1,1'-Biphenyl	13.659	154	120849	20.002	ng/ul	97
44) 2-Chloronaphthalene	13.712	162	93003	19.351	ng/ul	100
45) 2-Nitroaniline	13.918	65	34149	20.530	ng/ul	98
47) Dimethylphthalate	14.264	163	121498	19.285	ng/ul	100
48) 2,6-Dinitrotoluene	14.405	165	25800	19.496	ng/ul	91
50) Acenaphthylene	14.552	152	151464	19.533	ng/ul	97
51) 3-Nitroaniline	14.740	138	27615	21.111	ng/ul	98
52) Acenaphthene	14.893	153	100814	19.714	ng/ul	97
53) 2,4-Dinitrophenol	14.963	184	10984m	15.016	ng/ul	
55) 4-Nitrophenol	15.063	109	19346	22.136	ng/ul	92
56) Dibenzofuran	15.222	168	143272	19.424	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	37890	20.046	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.457	232	22249	16.978	ng/ul	98
59) Diethylphthalate	15.621	149	130775	19.776	ng/ul	98
61) Fluorene	15.874	166	115687	19.580	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.856	204	59775	18.773	ng/ul	100
63) 4-Nitroaniline	15.903	138	28730	22.570	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.968	198	18172	16.581	ng/ul#	98
67) N-Nitrosodiphenylamine	16.074	169	102918	19.521	ng/ul	98
68) 4-Bromophenyl-phenylether	16.750	248	37506	19.002	ng/ul	96
69) Hexachlorobenzene	16.879	284	38157	18.959	ng/ul	97
70) Atrazine	17.014	200	43330	19.555	ng/ul	100
71) Pentachlorophenol	17.231	266	11398m	12.781	ng/ul	
72) Phenanthrene	17.619	178	199599	19.629	ng/ul	99
74) Anthracene	17.713	178	200370	19.841	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.630	216	52144	19.411	ng/uL	98
76) Pentachlorobenzene	15.145	250	47854	19.119	ng/uL	99
77) Carbazole	17.983	167	181878	20.518	ng/ul	98
78) Di-n-butylphthalate	18.506	149	226963	19.857	ng/ul	99
80) Fluoranthene	19.623	202	249309	19.782	ng/ul	97
82) Pyrene	19.987	202	243428	19.746	ng/ul	97
83) Butylbenzylphthalate	20.845	149	99750	19.463	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.761	252	75820	19.203	ng/ul	98
85) Benzo(a)anthracene	21.855	228	220236	19.148	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.714	149	142938	19.381	ng/ul	97
87) Chrysene	21.926	228	211667	19.156	ng/ul	99
89) Di-n-octyl phthalate	22.977	149	247345	19.997	ng/ul	100
90) Benzo(b)fluoranthene	24.188	252	218621	18.974	ng/ul	98
91) Benzo(k)fluoranthene	24.258	252	206661	19.113	ng/ul	98
93) Benzo(a)pyrene	25.110	252	210739	19.171	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.194	276	233535	18.985	ng/ul	97
95) Dibenzo(a,h)anthracene	29.241	278	195561	18.740	ng/ul	98
96) Benzo(g,h,i)perylene	30.422	276	195622	18.902	ng/ul	98

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

