

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010623\
 Data File : BG056218.D
 Acq On : 6 Jan 2023 9:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020585

Quant Time: Jan 06 10:08:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	40447	20.000	ng/ul	0.00
20) Naphthalene-d8	11.167	136	156435	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	133328	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	372871	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	372972	20.000	ng/ul	0.00
88) Perylene-d12	25.433	264	410043	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	7419	8.308	ng/uL	0.00
4) Pyridine-d5	4.070	84	56685	19.870	ng/ul	0.00
7) Phenol-d5	7.460	99	66092	18.522	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.636	67	29091	19.881	ng/ul	0.00
11) 2-Chlorophenol-d4	7.854	132	45352	18.995	ng/ul	0.00
15) 4-Methylphenol-d8	9.023	113	51721	18.191	ng/ul	0.00
21) Nitrobenzene-d5	9.505	128	23540	19.056	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	30405	18.821	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.774	165	60877	18.904	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	70831	19.545	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	199828	18.889	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	216772	18.653	ng/ul	0.00
54) 4-Nitrophenol-d4	15.104	143	32104	19.224	ng/ul	0.00
60) Fluorene-d10	15.926	176	194224	19.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	42566	16.248	ng/ul	0.00
73) Anthracene-d10	17.777	188	325469	18.991	ng/ul	0.00
81) Pyrene-d10	20.039	212	406547	18.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.192	264	390918	18.591	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.670	88	7628m	7.662	ng/uL	
5) Pyridine	4.087	79	54937	19.672	ng/ul	98
6) Benzaldehyde	7.454	77	24925	19.910	ng/ul	98
8) Phenol	7.489	94	65826	18.680	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.730	93	45723	18.741	ng/ul	93
12) 2-Chlorophenol	7.889	128	44605	19.000	ng/ul	95
13) 2-Methylphenol	8.758	108	48873	18.052	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.846	45	9266	20.896	ng/ul#	78
16) Acetophenone	9.158	105	80052	18.299	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.134	70	37090	19.140	ng/ul#	93
18) 4-Methylphenol	9.087	108	53523	18.203	ng/ul	97
19) Hexachloroethane	9.428	117	17676	19.344	ng/ul	94
22) Nitrobenzene	9.546	77	55453	19.768	ng/ul	94
23) Isophorone	10.069	82	111336	18.829	ng/ul	98
25) 2-Nitrophenol	10.262	139	27954	17.932	ng/ul	91
26) 2,4-Dimethylphenol	10.304	107	60857	19.061	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.544	93	62446	18.853	ng/ul	96
29) 2,4-Dichlorophenol	10.797	162	57775	19.029	ng/ul	98
30) Naphthalene	11.214	128	154494	18.869	ng/ul	100
32) 4-Chloroaniline	11.314	127	72108	19.476	ng/ul	98
33) Hexachlorobutadiene	11.490	225	51734	19.863	ng/ul	97
34) Caprolactam	12.049	113	20039m	21.030	ng/ul	
35) 4-Chloro-3-methylphenol	12.401	107	56141	18.847	ng/ul	94
36) 2-Methylnaphthalene	12.795	142	120889	19.329	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	122579	19.058	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.153	216	97674	18.924	ng/ul	97
40) Hexachlorocyclopentadiene	13.130	237	55802	15.904	ng/ul	92
41) 2,4,6-Trichlorophenol	13.382	196	61400	18.737	ng/ul	97
42) 2,4,5-Trichlorophenol	13.453	196	66510	18.661	ng/ul	93
43) 1,1'-Biphenyl	13.782	154	182045	18.971	ng/ul	99
44) 2-Chloronaphthalene	13.829	162	146491	18.612	ng/ul	98
45) 2-Nitroaniline	14.023	65	29391	19.568	ng/ul	92
47) Dimethylphthalate	14.375	163	198855	19.019	ng/ul	99
48) 2,6-Dinitrotoluene	14.505	165	41472	18.890	ng/ul#	94
50) Acenaphthylene	14.669	152	221230	18.795	ng/ul	96
51) 3-Nitroaniline	14.834	138	32317	19.438	ng/ul	95
52) Acenaphthene	15.004	153	153967	18.903	ng/ul	98
53) 2,4-Dinitrophenol	15.039	184	24382	15.530	ng/ul#	91
55) 4-Nitrophenol	15.121	109	30124	19.284	ng/ul	92
56) Dibenzofuran	15.333	168	240927	19.134	ng/ul	96
57) 2,4-Dinitrotoluene	15.286	165	60771	19.426	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.556	232	63894	18.516	ng/ul	97
59) Diethylphthalate	15.727	149	187826	19.321	ng/ul	95
61) Fluorene	15.985	166	198340	19.559	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.962	204	122001	19.241	ng/ul	97
63) 4-Nitroaniline	15.991	138	29042	19.092	ng/ul	99
66) 4,6-Dinitro-2-methylph...	16.050	198	40718	16.284	ng/ul#	99
67) N-Nitrosodiphenylamine	16.173	169	179833	18.073	ng/ul	99
68) 4-Bromophenyl-phenylether	16.861	248	85670	17.912	ng/ul	97
69) Hexachlorobenzene	16.984	284	85518	18.057	ng/ul	98
70) Atrazine	17.107	200	86738	19.124	ng/ul	98
71) Pentachlorophenol	17.319	266	45839	15.175	ng/ul	95
72) Phenanthrene	17.718	178	357630	18.812	ng/ul	98
74) Anthracene	17.812	178	362409	18.777	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.752	216	98625	17.550	ng/uL	99
76) Pentachlorobenzene	15.257	250	101236	17.606	ng/uL	93
77) Carbazole	18.071	167	310195	19.578	ng/ul	99
78) Di-n-butylphthalate	18.606	149	323801	19.368	ng/ul	100
80) Fluoranthene	19.710	202	478949	18.559	ng/ul	100
82) Pyrene	20.069	202	476128	18.448	ng/ul#	98
83) Butylbenzylphthalate	20.926	149	138242	18.262	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.855	252	175957	19.952	ng/ul	98
85) Benzo(a)anthracene	21.955	228	481659	18.728	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.819	149	199717	18.246	ng/ul	98
87) Chrysene	22.025	228	450011	18.817	ng/ul	100
89) Di-n-octyl phthalate	23.106	149	347439	18.456	ng/ul	100
90) Benzo(b)fluoranthene	24.322	252	505888	18.479	ng/ul	98
91) Benzo(k)fluoranthene	24.399	252	500945	18.701	ng/ul	97
93) Benzo(a)pyrene	25.268	252	449181	18.741	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.405	276	586473	18.600	ng/ul	97
95) Dibenzo(a,h)anthracene	29.469	278	493757	18.738	ng/ul	97
96) Benzo(g,h,i)perylene	30.662	276	470751	18.468	ng/ul	99

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

