

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062012.D
 Acq On : 11 Jul 2024 16:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

Quant Time: Jul 12 00:33:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	48069	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	219651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	172918	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	444464	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.673	240	411252	20.000	ng/ul	0.00
88) Perylene-d12	24.875	264	478575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	9737	7.612	ng/uL	0.00
4) Pyridine-d5	3.858	84	77056	19.591	ng/ul	0.00
7) Phenol-d5	7.196	99	90464	17.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	55558	16.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	69306	19.207	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	74619	18.016	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	29668	17.760	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	41576	21.794	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.468	165	81211	22.071	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	108397	20.291	ng/ul	0.00
46) Dimethylphthalate-d6	14.070	166	265213	18.656	ng/ul	0.00
49) Acenaphthylene-d8	14.364	160	290790	19.562	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	43322	19.082	ng/ul	0.00
60) Fluorene-d10	15.662	176	235432	19.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	43323	18.560	ng/ul	0.00
73) Anthracene-d10	17.513	188	388744	18.733	ng/ul	0.00
81) Pyrene-d10	19.793	212	448219	18.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	468762	19.750	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	9518	6.741	ng/uL	98
5) Pyridine	3.876	79	79898	19.808	ng/ul	94
6) Benzaldehyde	7.178	77	59306	21.301	ng/ul	95
8) Phenol	7.225	94	92090	17.099	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.460	93	69718	16.851	ng/ul	93
12) 2-Chlorophenol	7.601	128	66802	18.171	ng/ul	91
13) 2-Methylphenol	8.482	108	69592	18.104	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.559	45	154628	17.106	ng/ul#	97
16) Acetophenone	8.864	105	125058	18.279	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.841	70	67941	17.738	ng/ul	98
18) 4-Methylphenol	8.811	108	76914	17.867	ng/ul	100
19) Hexachloroethane	9.123	117	31798	19.939	ng/ul#	63
22) Nitrobenzene	9.252	77	101078	21.316	ng/ul	98
23) Isophorone	9.769	82	192414	17.961	ng/ul#	96
25) 2-Nitrophenol	9.963	139	41579	21.372	ng/ul	96
26) 2,4-Dimethylphenol	10.016	107	97931	21.033	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.251	93	103250	17.501	ng/ul#	97
29) 2,4-Dichlorophenol	10.492	162	70194	20.308	ng/ul	98
30) Naphthalene	10.903	128	240826	19.960	ng/ul	99
32) 4-Chloroaniline	11.009	127	102844	19.619	ng/ul	99
33) Hexachlorobutadiene	11.173	225	58911	22.649	ng/ul#	84
34) Caprolactam	11.761	113	25822m	19.068	ng/ul	
35) 4-Chloro-3-methylphenol	12.131	107	96438	20.949	ng/ul	98
36) 2-Methylnaphthalene	12.501	142	171808	19.655	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.724	142	182989	20.145	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.865	216	101505	19.547	ng/ul	97
40) Hexachlorocyclopentadiene	12.836	237	63488	18.366	ng/ul#	81
41) 2,4,6-Trichlorophenol	13.106	196	68883	19.972	ng/ul	99
42) 2,4,5-Trichlorophenol	13.183	196	74344	19.622	ng/ul	86
43) 1,1'-Biphenyl	13.506	154	243215	18.255	ng/ul	99
44) 2-Chloronaphthalene	13.553	162	191156	19.117	ng/ul	94
45) 2-Nitroaniline	13.753	65	82169	20.520	ng/ul	92
47) Dimethylphthalate	14.123	163	259165	18.953	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	51076	19.690	ng/ul	93
50) Acenaphthylene	14.393	152	313224	19.199	ng/ul	97
51) 3-Nitroaniline	14.575	138	50795	20.117	ng/ul	90
52) Acenaphthene	14.734	153	219802	19.511	ng/ul	96
53) 2,4-Dinitrophenol	14.781	184	26295	19.403	ng/ul	89
55) 4-Nitrophenol	14.887	109	53858	20.786	ng/ul	93
56) Dibenzofuran	15.069	168	299966	18.839	ng/ul	92
57) 2,4-Dinitrotoluene	15.033	165	80732	21.222	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.292	232	68819	20.115	ng/ul	98
59) Diethylphthalate	15.480	149	287438	19.507	ng/ul	96
61) Fluorene	15.715	166	269332	19.891	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.703	204	135548	19.929	ng/ul	91
63) 4-Nitroaniline	15.738	138	52684	20.562	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.791	198	47162	18.774	ng/ul#	84
67) N-Nitrosodiphenylamine	15.921	169	223267	18.394	ng/ul	95
68) 4-Bromophenyl-phenylether	16.602	248	96642	19.166	ng/ul	95
69) Hexachlorobenzene	16.714	284	116825	20.149	ng/ul	93
70) Atrazine	16.867	200	97539	20.356	ng/ul	97
71) Pentachlorophenol	17.060	266	60632m	19.025	ng/ul	
72) Phenanthrene	17.454	178	445017	18.989	ng/ul	99
74) Anthracene	17.548	178	461526	19.056	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.471	216	102086	18.493	ng/ul	92
76) Pentachlorobenzene	14.981	250	125614	19.951	ng/ul	96
77) Carbazole	17.818	167	394569	19.358	ng/ul	100
78) Di-n-butylphthalate	18.365	149	499392	19.083	ng/ul#	98
80) Fluoranthene	19.463	202	533652	18.642	ng/ul#	95
82) Pyrene	19.828	202	543356	18.375	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	223948	18.045	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.567	252	205001	20.953	ng/ul	96
85) Benzo(a)anthracene	21.655	228	560687	18.830	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.549	149	330694	18.570	ng/ul	99
87) Chrysene	21.720	228	521875	18.722	ng/ul	98
89) Di-n-octyl phthalate	22.760	149	585264	20.017	ng/ul	100
90) Benzo(b)fluoranthene	23.852	252	594377	19.713	ng/ul	98
91) Benzo(k)fluoranthene	23.923	252	560339	18.636	ng/ul	95
93) Benzo(a)pyrene	24.722	252	552748	19.359	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.529	276	697900	19.127	ng/ul	95
95) Dibenzo(a,h)anthracene	28.588	278	599454	19.892	ng/ul	99
96) Benzo(g,h,i)perylene	29.669	276	567551m	19.552	ng/ul	

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

