

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052005.D
 Acq On : 15 Jan 2022 20:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020488

Quant Time: Jan 17 05:24:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	27096	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.085	136	114624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	83354	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	216820	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	198883	20.000	ng/ul	# 0.00
88) Perylene-d12	25.442	264	202745	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	5577	7.355	ng/uL	0.00
4) Pyridine-d5	3.994	84	45813	19.435	ng/ul	-0.01
7) Phenol-d5	7.384	99	55589	20.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	33480	19.887	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.771	132	37231	21.204	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	43674	21.185	ng/ul	0.00
21) Nitrobenzene-d5	9.410	128	19563	21.599	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.150	143	22477	22.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	42851	21.885	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	58340	21.396	ng/ul	0.00
46) Dimethylphthalate-d6	14.274	166	143083	20.767	ng/ul	0.00
49) Acenaphthylene-d8	14.586	160	179803	21.604	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	25638	22.257	ng/ul	0.00
60) Fluorene-d10	15.878	176	129462	21.551	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.984	200	28646	20.943	ng/ul	0.00
73) Anthracene-d10	17.734	188	221654	21.550	ng/ul	0.00
81) Pyrene-d10	20.014	212	269255	23.524	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.201	264	228422	21.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.606	88	6122	6.997	ng/uL#	81
5) Pyridine	4.018	79	47831	19.368	ng/ul	93
6) Benzaldehyde	7.366	77	39804m	22.563	ng/ul	
8) Phenol	7.413	94	55561	20.526	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.642	93	40306	20.342	ng/ul	99
12) 2-Chlorophenol	7.801	128	39036	21.854	ng/ul	96
13) 2-Methylphenol	8.682	108	41510	21.088	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.770	45	64971	21.498	ng/ul	100
16) Acetophenone	9.070	105	67612	20.780	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.046	70	42706	21.485	ng/ul	96
18) 4-Methylphenol	9.011	108	45385	21.286	ng/ul	85
19) Hexachloroethane	9.346	117	16149	20.941	ng/ul#	79
22) Nitrobenzene	9.457	77	58107	20.684	ng/ul#	95
23) Isophorone	9.980	82	112065	21.099	ng/ul	100
25) 2-Nitrophenol	10.180	139	23880	21.691	ng/ul	93
26) 2,4-Dimethylphenol	10.233	107	52495	21.976	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.462	93	60149	21.995	ng/ul	95
29) 2,4-Dichlorophenol	10.726	162	41524	21.594	ng/ul	98
30) Naphthalene	11.137	128	134418	21.641	ng/ul	98
32) 4-Chloroaniline	11.231	127	59732	21.495	ng/ul	98
33) Hexachlorobutadiene	11.419	225	31179	20.341	ng/ul	98
34) Caprolactam	11.972	113	16327m	21.816	ng/ul	
35) 4-Chloro-3-methylphenol	12.342	107	49726	22.397	ng/ul	95
36) 2-Methylnaphthalene	12.729	142	97075	21.941	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	101258	22.300	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.094	216	59143	20.518	ng/ul	98
40) Hexachlorocyclopentadiene	13.076	237	36267	18.336	ng/ul	98
41) 2,4,6-Trichlorophenol	13.329	196	40239	22.087	ng/ul	96
42) 2,4,5-Trichlorophenol	13.399	196	43425	22.111	ng/ul	95
43) 1,1'-Biphenyl	13.722	154	137509	21.369	ng/ul	98
44) 2-Chloronaphthalene	13.769	162	105113	21.092	ng/ul	100
45) 2-Nitroaniline	13.957	65	42390	22.195	ng/ul	98
47) Dimethylphthalate	14.327	163	143739	21.158	ng/ul	97
48) 2,6-Dinitrotoluene	14.445	165	31298	21.850	ng/ul	99
50) Acenaphthylene	14.615	152	177528	21.662	ng/ul	95
51) 3-Nitroaniline	14.780	138	33288	25.691	ng/ul#	97
52) Acenaphthene	14.950	153	116451	21.371	ng/ul	93
53) 2,4-Dinitrophenol	14.985	184	20078	23.775	ng/ul	90
55) 4-Nitrophenol	15.079	109	27570	20.857	ng/ul	93
56) Dibenzofuran	15.285	168	169016	21.357	ng/ul	95
57) 2,4-Dinitrotoluene	15.232	165	45027	21.742	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.508	232	40827	22.412	ng/ul#	88
59) Diethylphthalate	15.684	149	147444	21.036	ng/ul	97
61) Fluorene	15.931	166	145194	22.017	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.919	204	78948	21.573	ng/ul	95
63) 4-Nitroaniline	15.937	138	32457	24.381	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.001	198	26350	20.150	ng/ul	97
67) N-Nitrosodiphenylamine	16.131	169	126135	21.650	ng/ul	99
68) 4-Bromophenyl-phenylether	16.812	248	52972	20.869	ng/ul#	86
69) Hexachlorobenzene	16.941	284	58659	20.837	ng/ul#	91
70) Atrazine	17.071	200	57364	21.223	ng/ul	97
71) Pentachlorophenol	17.282	266	36425	23.169	ng/ul	97
72) Phenanthrene	17.681	178	245644	21.622	ng/ul	99
74) Anthracene	17.770	178	246514	21.676	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	67354	20.684	ng/ul	99
76) Pentachlorobenzene	15.208	250	65430	20.645	ng/ul	98
77) Carbazole	18.034	167	224184	21.877	ng/ul	98
78) Di-n-butylphthalate	18.580	149	267446	22.079	ng/ul	100
80) Fluoranthene	19.685	202	318369	24.069	ng/ul#	91
82) Pyrene	20.043	202	309366	23.755	ng/ul#	91
83) Butylbenzylphthalate	20.912	149	110459	24.372	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.835	252	108805	23.699	ng/ul#	93
85) Benzo(a)anthracene	21.935	228	292554	22.367	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.817	149	153953	23.227	ng/ul#	100
87) Chrysene	22.005	228	276152	21.926	ng/ul	99
89) Di-n-octyl phthalate	23.121	149	259484	23.169	ng/ul	100
90) Benzo(b)fluoranthene	24.331	252	296620	22.076	ng/ul#	95
91) Benzo(k)fluoranthene	24.402	252	271931	21.889	ng/ul#	96
93) Benzo(a)pyrene	25.283	252	274102	21.556	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.460	276	315708	21.689	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.536	278	267386	21.718	ng/ul#	95
96) Benzo(g,h,i)perylene	30.711	276	262664	21.462	ng/ul#	90

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

