

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
 Data File : BG059416.D
 Acq On : 10 Oct 2023 4:48
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020595

Quant Time: Oct 10 06:24:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	44897	20.000	ng/u1	0.00
20) Naphthalene-d8	11.067	136	226506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.856	164	153768	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	348587	20.000	ng/u1	0.00
79) Chrysene-d12	21.913	240	316335	20.000	ng/u1	0.00
88) Perylene-d12	25.385	264	367699	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	10822	8.594	ng/uL	0.00
4) Pyridine-d5	3.963	84	76984	21.240	ng/u1	0.00
7) Phenol-d5	7.353	99	105075	21.196	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	59532	21.246	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	75274	21.711	ng/u1	0.00
15) 4-Methylphenol-d8	8.922	113	81080	20.992	ng/u1	0.00
21) Nitrobenzene-d5	9.422	128	42252	21.913	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	46278	22.175	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	85788	22.775	ng/u1	0.00
31) 4-Chloroaniline-d4	11.214	131	123709	20.675	ng/u1	0.00
46) Dimethylphthalate-d6	14.257	166	265472	21.073	ng/u1	0.00
49) Acenaphthylene-d8	14.563	160	319934	21.341	ng/u1	0.00
54) 4-Nitrophenol-d4	15.050	143	45300	19.189	ng/u1	0.00
60) Fluorene-d10	15.849	176	250639	20.843	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	45139	19.613	ng/u1	0.00
73) Anthracene-d10	17.712	188	374334	21.891	ng/u1	0.00
81) Pyrene-d10	19.980	212	407596	21.270	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.144	264	409010	21.139	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	11395	8.477	ng/uL#	93
5) Pyridine	3.981	79	74481	20.353	ng/u1#	81
6) Benzaldehyde	7.371	77	47927	23.307	ng/u1	98
8) Phenol	7.383	94	103559	21.125	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.641	93	78047	20.673	ng/u1	97
12) 2-Chlorophenol	7.776	128	78558	21.503	ng/u1	93
13) 2-Methylphenol	8.658	108	78430	21.411	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.734	45	169244	21.426	ng/u1	99
16) Acetophenone	9.069	105	122173	20.815	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.034	70	61254	20.944	ng/u1#	86
18) 4-Methylphenol	8.987	108	86060	21.365	ng/u1	84
19) Hexachloroethane	9.310	117	29215	21.985	ng/u1	92
22) Nitrobenzene	9.469	77	90927	21.510	ng/u1#	95
23) Isophorone	9.974	82	187499	20.773	ng/u1	97
25) 2-Nitrophenol	10.174	139	47873	22.242	ng/u1	94
26) 2,4-Dimethylphenol	10.197	107	87988	20.723	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.456	93	119429	22.018	ng/u1	96
29) 2,4-Dichlorophenol	10.697	162	82799	21.829	ng/u1	97
30) Naphthalene	11.120	128	279927	21.368	ng/u1	97
32) 4-Chloroaniline	11.237	127	119647	21.138	ng/u1	93
33) Hexachlorobutadiene	11.349	225	49395	21.568	ng/u1	96
34) Caprolactam	12.019	113	27002m	19.604	ng/u1	
35) 4-Chloro-3-methylphenol	12.318	107	88870	21.834	ng/u1	92
36) 2-Methylnaphthalene	12.706	142	189921	21.747	ng/u1	97

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37) 1-Methylnaphthalene	12.923	142	195984	21.614	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.047	216	100416	21.924	ng/ul	97
40) Hexachlorocyclopentadiene	13.000	237	57518	20.917	ng/ul	95
41) 2,4,6-Trichlorophenol	13.294	196	69279	22.291	ng/ul	93
42) 2,4,5-Trichlorophenol	13.364	196	73545	21.789	ng/ul	96
43) 1,1'-Biphenyl	13.699	154	281348	22.231	ng/ul#	97
44) 2-Chloronaphthalene	13.752	162	211128	21.703	ng/ul	98
45) 2-Nitroaniline	13.969	65	66888	20.997	ng/ul	97
47) Dimethylphthalate	14.304	163	268425	21.201	ng/ul	98
48) 2,6-Dinitrotoluene	14.445	165	52205	20.438	ng/ul	93
50) Acenaphthylene	14.592	152	342151	21.232	ng/ul	99
51) 3-Nitroaniline	14.786	138	57587	23.024	ng/ul	98
52) Acenaphthene	14.927	153	231197	21.204	ng/ul	96
53) 2,4-Dinitrophenol	14.986	184	19535	10.647	ng/ul#	84
55) 4-Nitrophenol	15.068	109	30464	19.126	ng/ul	93
56) Dibenzofuran	15.256	168	323940	21.532	ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	75958	20.305	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.467	232	62993	19.449	ng/ul#	94
59) Diethylphthalate	15.650	149	259231	20.587	ng/ul	99
61) Fluorene	15.908	166	270673	21.146	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.885	204	134868	21.323	ng/ul	97
63) 4-Nitroaniline	15.949	138	48453	21.518	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.979	198	47393	19.361	ng/ul#	90
67) N-Nitrosodiphenylamine	16.108	169	223504	22.657	ng/ul	98
68) 4-Bromophenyl-phenylether	16.784	248	80779	21.823	ng/ul	85
69) Hexachlorobenzene	16.878	284	92807	21.965	ng/ul	97
70) Atrazine	17.042	200	86919	22.224	ng/ul	94
71) Pentachlorophenol	17.236	266	43562m	17.740	ng/ul	
72) Phenanthrene	17.653	178	457997	22.185	ng/ul	99
74) Anthracene	17.747	178	465775	22.183	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	107428	23.721	ng/uL	98
76) Pentachlorobenzene	15.150	250	108180	23.081	ng/uL	95
77) Carbazole	18.023	167	379045	21.692	ng/ul	98
78) Di-n-butylphthalate	18.523	149	446819	21.614	ng/ul#	99
80) Fluoranthene	19.645	202	506812	21.254	ng/ul	99
82) Pyrene	20.009	202	536310	21.641	ng/ul	97
83) Butylbenzylphthalate	20.861	149	187693	20.498	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.807	252	185682	23.529	ng/ul	96
85) Benzo(a)anthracene	21.889	228	509624	21.094	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.719	149	282389	20.621	ng/ul	98
87) Chrysene	21.960	228	484491	21.350	ng/ul	97
89) Di-n-octyl phthalate	23.006	149	493054	21.251	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	512682	21.162	ng/ul	97
91) Benzo(k)fluoranthene	24.339	252	538407m	21.888	ng/ul	
93) Benzo(a)pyrene	25.221	252	492940	21.360	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.410	276	566278m	21.302	ng/ul	
95) Dibenzo(a,h)anthracene	29.486	278	466419	21.578	ng/ul	99
96) Benzo(g,h,i)perylene	30.685	276	432905	20.419	ng/ul	94

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

