

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058358.D
 Acq On : 20 Jul 2023 13:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020527

Quant Time: Jul 20 17:58:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	48082	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	232988	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	174907	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	410794	20.000	ng/ul	0.00
79) Chrysene-d12	21.532	240	341681	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	423903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	9765	7.475	ng/uL	0.00
4) Pyridine-d5	3.747	84	77092	19.882	ng/ul	0.00
7) Phenol-d5	7.060	99	92034	20.178	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	55158	19.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.425	132	63761	19.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	70234	20.187	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	33799	19.354	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	37880	19.868	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	73842	20.204	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	104778	19.776	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	229677	17.029	ng/ul	0.00
49) Acenaphthylene-d8	14.229	160	271389	19.201	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	35211	17.286	ng/ul	0.00
60) Fluorene-d10	15.527	176	209545	18.765	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	34585	16.525	ng/ul	0.00
73) Anthracene-d10	17.378	188	335362	18.894	ng/ul	0.00
81) Pyrene-d10	19.669	212	379592	18.810	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.446	264	376282	18.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	11298m	7.624	ng/uL	
5) Pyridine	3.764	79	82302	20.099	ng/ul	97
6) Benzaldehyde	7.037	77	25816	14.015	ng/ul	98
8) Phenol	7.090	94	94983	20.052	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.313	93	69994	19.289	ng/ul	98
12) 2-Chlorophenol	7.460	128	66010	19.751	ng/ul	94
13) 2-Methylphenol	8.335	108	72968	19.765	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.424	45	115148	19.363	ng/ul#	96
16) Acetophenone	8.717	105	116575	19.675	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.700	70	60770	18.740	ng/ul	98
18) 4-Methylphenol	8.664	108	80843	20.150	ng/ul	94
19) Hexachloroethane	8.976	117	25618	19.446	ng/ul	90
22) Nitrobenzene	9.099	77	87349	18.756	ng/ul	98
23) Isophorone	9.616	82	181251	17.359	ng/ul	99
25) 2-Nitrophenol	9.810	139	40945	20.106	ng/ul	93
26) 2,4-Dimethylphenol	9.869	107	87187	19.201	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.104	93	101850	18.418	ng/ul	97
29) 2,4-Dichlorophenol	10.345	162	70642	20.364	ng/ul	98
30) Naphthalene	10.750	128	238826	19.177	ng/ul	99
32) 4-Chloroaniline	10.856	127	108321	20.003	ng/ul	98
33) Hexachlorobutadiene	11.026	225	46765	18.853	ng/ul	95
34) Caprolactam	11.608	113	25753	17.874	ng/ul	98
35) 4-Chloro-3-methylphenol	11.984	107	88442	20.034	ng/ul	96
36) 2-Methylnaphthalene	12.354	142	163370	19.580	ng/ul	99

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37) 1-Methylnaphthalene	12.578	142	164407	19.226	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.724	216	96152	18.990	ng/ul	96
40) Hexachlorocyclopentadiene	12.701	237	35935	13.196	ng/ul	100
41) 2,4,6-Trichlorophenol	12.965	196	66159	19.302	ng/ul	98
42) 2,4,5-Trichlorophenol	13.042	196	70471	19.281	ng/ul	99
43) 1,1'-Biphenyl	13.365	154	218841	18.503	ng/ul	97
44) 2-Chloronaphthalene	13.412	162	179264	19.063	ng/ul	97
45) 2-Nitroaniline	13.618	65	63652	19.487	ng/ul	98
47) Dimethylphthalate	13.982	163	230693	17.028	ng/ul	98
48) 2,6-Dinitrotoluene	14.111	165	50107	19.140	ng/ul	94
50) Acenaphthylene	14.258	152	291939	19.135	ng/ul	99
51) 3-Nitroaniline	14.440	138	38431	17.615	ng/ul	93
52) Acenaphthene	14.599	153	201258	18.999	ng/ul	99
53) 2,4-Dinitrophenol	14.652	184	17922	12.863	ng/ul	96
55) 4-Nitrophenol	14.751	109	27136	17.298	ng/ul	94
56) Dibenzofuran	14.934	168	285394	18.921	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	71453	18.924	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.157	232	64326	19.049	ng/ul#	95
59) Diethylphthalate	15.345	149	239760	17.179	ng/ul	98
61) Fluorene	15.580	166	235635	19.050	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	122584	18.668	ng/ul	98
63) 4-Nitroaniline	15.603	138	26755m	13.553	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.662	198	36564	16.981	ng/ul#	97
67) N-Nitrosodiphenylamine	15.786	169	196784	19.325	ng/ul	98
68) 4-Bromophenyl-phenylether	16.467	248	83476	19.185	ng/ul	95
69) Hexachlorobenzene	16.585	284	93313	19.006	ng/ul	98
70) Atrazine	16.731	200	76186	19.083	ng/ul	96
71) Pentachlorophenol	16.931	266	42492	15.418	ng/ul#	86
72) Phenanthrene	17.319	178	370479	18.978	ng/ul	99
74) Anthracene	17.413	178	375736	19.172	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.335	216	102839	19.958	ng/uL	97
76) Pentachlorobenzene	14.851	250	110753	19.655	ng/uL	96
77) Carbazole	17.683	167	331738	19.527	ng/ul	99
78) Di-n-butylphthalate	18.236	149	418052	19.366	ng/ul	99
80) Fluoranthene	19.334	202	434333	18.787	ng/ul	99
82) Pyrene	19.693	202	444279	18.966	ng/ul	98
83) Butylbenzylphthalate	20.580	149	183317	19.873	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.426	252	159315	20.887	ng/ul	99
85) Benzo(a)anthracene	21.508	228	436009	18.985	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	259816	19.803	ng/ul	99
87) Chrysene	21.573	228	411842	18.906	ng/ul	100
89) Di-n-octyl phthalate	22.583	149	451249	20.007	ng/ul	100
90) Benzo(b)fluoranthene	23.665	252	457278	18.644	ng/ul	99
91) Benzo(k)fluoranthene	23.729	252	428327	17.510	ng/ul	99
93) Benzo(a)pyrene	24.516	252	397319	18.213	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.230	276	538326	18.730	ng/ul	99
95) Dibenzo(a,h)anthracene	28.289	278	446411	18.941	ng/ul	98
96) Benzo(g,h,i)perylene	29.340	276	434767	18.566	ng/ul	98

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

