

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049265.D
 Acq On : 10 Jul 2021 14:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020204

Manual Integrations
 APPROVED

mohammad
 7/12/2021 12:34:42 PM

Quant Time: Jul 11 00:37:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	28504	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.896	136	119269	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	88876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.471	188	209823	20.000	ng/ul	0.00
79) Chrysene-d12	21.754	240	214775	20.000	ng/ul	0.00
88) Perylene-d12	25.044	264	221239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	4281	7.065	ng/uL	0.00
4) Pyridine-d5	3.887	84	31821	17.859	ng/ul	0.00
7) Phenol-d5	7.224	99	44447	17.926	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	28114	19.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	34641	18.904	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	36678	18.463	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	18305	20.001	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	20710	19.712	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.509	165	40405	19.709	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	52409	19.617	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	131168	19.190	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	155881	19.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	21499	19.003	ng/ul	0.00
60) Fluorene-d10	15.708	176	110093	19.024	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	23571	17.674	ng/ul	0.00
73) Anthracene-d10	17.565	188	185911	19.461	ng/ul	0.00
81) Pyrene-d10	19.851	212	224564	20.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.821	264	230453	20.038	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	5275	7.148	ng/uL#	83
5) Pyridine	3.905	79	33466	16.931	ng/ul	91
6) Benzaldehyde	7.201	77	32032m	21.475	ng/ul	
8) Phenol	7.248	94	47302	19.076	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.489	93	35573	19.294	ng/ul#	83
12) 2-Chlorophenol	7.635	128	36597	19.786	ng/ul	92
13) 2-Methylphenol	8.511	108	36413	19.279	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.599	45	58494	19.725	ng/ul#	94
16) Acetophenone	8.899	105	64710	19.857	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.881	70	33573	20.276	ng/ul	95
18) 4-Methylphenol	8.840	108	38172	19.426	ng/ul	98
19) Hexachloroethane	9.169	117	16926	20.210	ng/ul	90
22) Nitrobenzene	9.281	77	51892	20.105	ng/ul#	94
23) Isophorone	9.803	82	89430	20.058	ng/ul	98
25) 2-Nitrophenol	9.997	139	21265	19.839	ng/ul	87
26) 2,4-Dimethylphenol	10.050	107	48056	20.248	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.291	93	46970	19.760	ng/ul#	88
29) 2,4-Dichlorophenol	10.538	162	38922	20.779	ng/ul	91
30) Naphthalene	10.943	128	119565	20.107	ng/ul	97
32) 4-Chloroaniline	11.049	127	52147	19.798	ng/ul	98
33) Hexachlorobutadiene	11.231	225	31007	19.520	ng/ul	97
34) Caprolactam	11.813	113	12346m	18.946	ng/ul	
35) 4-Chloro-3-methylphenol	12.165	107	42702	20.408	ng/ul	95
36) 2-Methylnaphthalene	12.547	142	91377	20.225	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.765	142	90297	20.097	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.912	216	55607	19.920	ng/ul#	97
40) Hexachlorocyclopentadiene	12.894	237	34277	18.489	ng/ul	91
41) 2,4,6-Trichlorophenol	13.153	196	36451	20.186	ng/ul	98
42) 2,4,5-Trichlorophenol	13.223	196	37993	19.782	ng/ul	85
43) 1,1'-Biphenyl	13.552	154	120149	20.010	ng/ul	94
44) 2-Chloronaphthalene	13.593	162	93103	19.790	ng/ul	99
45) 2-Nitroaniline	13.793	65	35266	20.447	ng/ul	96
47) Dimethylphthalate	14.163	163	127040	20.024	ng/ul#	97
48) 2,6-Dinitrotoluene	14.286	165	25924	18.974	ng/ul	94
50) Acenaphthylene	14.439	152	147290	20.650	ng/ul	98
51) 3-Nitroaniline	14.615	138	25471	20.472	ng/ul	95
52) Acenaphthene	14.780	153	101856	19.664	ng/ul	98
53) 2,4-Dinitrophenol	14.821	184	21661	25.015	ng/ul#	87
55) 4-Nitrophenol	14.921	109	26905	18.839	ng/ul	89
56) Dibenzofuran	15.115	168	147354	20.073	ng/ul	94
57) 2,4-Dinitrotoluene	15.074	165	39839	20.206	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.344	232	35637	19.787	ng/ul	94
59) Diethylphthalate	15.526	149	130587	19.149	ng/ul	99
61) Fluorene	15.767	166	123648	19.902	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.755	204	68892	20.170	ng/ul	98
63) 4-Nitroaniline	15.779	138	27626	22.619	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.838	198	24348	19.185	ng/ul#	99
67) N-Nitrosodiphenylamine	15.967	169	108760	20.359	ng/ul	98
68) 4-Bromophenyl-phenylether	16.654	248	47835	20.440	ng/ul	99
69) Hexachlorobenzene	16.772	284	54459	20.548	ng/ul	96
70) Atrazine	16.913	200	46545	19.038	ng/ul	99
71) Pentachlorophenol	17.118	266	27021	17.082	ng/ul	97
72) Phenanthrene	17.512	178	207291	20.255	ng/ul	99
74) Anthracene	17.600	178	208674	19.960	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.517	216	61835	21.602	ng/ul	88
76) Pentachlorobenzene	15.039	250	61044	20.103	ng/ul	98
77) Carbazole	17.871	167	187747	20.131	ng/ul	99
78) Di-n-butylphthalate	18.423	149	229700	19.685	ng/ul	99
80) Fluoranthene	19.516	202	260799	20.371	ng/ul	98
82) Pyrene	19.880	202	259604	20.351	ng/ul	100
83) Butylbenzylphthalate	20.761	149	99364	19.841	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.643	252	101555	20.238	ng/ul	97
85) Benzo(a)anthracene	21.731	228	256685	19.448	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.631	149	140849	19.283	ng/ul	99
87) Chrysene	21.801	228	247574	19.830	ng/ul	99
89) Di-n-octyl phthalate	22.865	149	241292	19.376	ng/ul	100
90) Benzo(b)fluoranthene	23.999	252	265857	19.479	ng/ul	98
91) Benzo(k)fluoranthene	24.063	252	263521	19.802	ng/ul	96
93) Benzo(a)pyrene	24.892	252	232393	19.348	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.811	276	308722	19.921	ng/ul	97
95) Dibenzo(a,h)anthracene	28.881	278	256454	19.979	ng/ul	93
96) Benzo(g,h,i)perylene	29.986	276	253517	19.786	ng/ul	96

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

