

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049380.D
 Acq On : 16 Jul 2021 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020217

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:26 AM

Quant Time: Jul 16 16:54:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	27350	20.000	ng/ul	0.00
20) Naphthalene-d8	10.882	136	116706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.713	164	86722	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	199973	20.000	ng/ul	0.00
79) Chrysene-d12	21.746	240	199232	20.000	ng/ul	0.00
88) Perylene-d12	25.030	264	210223	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	4268	7.341	ng/uL	0.00
4) Pyridine-d5	3.872	84	29365	17.176	ng/ul	0.00
7) Phenol-d5	7.216	99	47513	19.971	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	26650	19.314	ng/ul	0.00
11) 2-Chlorophenol-d4	7.592	132	35845	20.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.773	113	39161	20.545	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	18562	20.727	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	21944	21.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	42553	21.213	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	53762	20.566	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	134850	20.219	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	156511	20.000	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	19744	17.885	ng/ul	0.00
60) Fluorene-d10	15.706	176	110944	19.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	21643	17.028	ng/ul	0.00
73) Anthracene-d10	17.562	188	184435	20.257	ng/ul	0.00
81) Pyrene-d10	19.848	212	216608	21.212	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.807	264	224512	20.545	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.485	88	5468	7.722	ng/uL	90
5) Pyridine	3.896	79	30989	16.339	ng/ul	88
6) Benzaldehyde	7.192	77	34188	23.887	ng/ul	95
8) Phenol	7.245	94	46321	19.469	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.474	93	33733	19.068	ng/ul	99
12) 2-Chlorophenol	7.627	128	35443	19.970	ng/ul	99
13) 2-Methylphenol	8.502	108	35944	19.833	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.590	45	58424	20.533	ng/ul	97
16) Acetophenone	8.890	105	63989	20.465	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.873	70	32348	20.360	ng/ul	99
18) 4-Methylphenol	8.837	108	38350	20.341	ng/ul	98
19) Hexachloroethane	9.149	117	15946	19.844	ng/ul#	79
22) Nitrobenzene	9.272	77	52238	20.684	ng/ul#	88
23) Isophorone	9.795	82	90185	20.672	ng/ul	95
25) 2-Nitrophenol	9.995	139	20868	19.897	ng/ul	95
26) 2,4-Dimethylphenol	10.048	107	47947	20.646	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.283	93	48160	20.705	ng/ul	97
29) 2,4-Dichlorophenol	10.529	162	38574	21.045	ng/ul	98
30) Naphthalene	10.935	128	120659	20.736	ng/ul	96
32) 4-Chloroaniline	11.035	127	50705	19.674	ng/ul	99
33) Hexachlorobutadiene	11.217	225	31908	20.528	ng/ul#	84
34) Caprolactam	11.816	113	12054m	18.904	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	44929	21.944	ng/ul	98
36) 2-Methylnaphthalene	12.539	142	93951	21.252	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	93079	21.171	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.909	216	54190	19.895	ng/ul	99
40) Hexachlorocyclopentadiene	12.885	237	22082	12.207	ng/ul	99
41) 2,4,6-Trichlorophenol	13.144	196	36292	20.598	ng/ul	98
42) 2,4,5-Trichlorophenol	13.220	196	39141	20.886	ng/ul	95
43) 1,1'-Biphenyl	13.544	154	118870	20.288	ng/ul	99
44) 2-Chloronaphthalene	13.591	162	92052	20.053	ng/ul	99
45) 2-Nitroaniline	13.790	65	34856	20.711	ng/ul	97
47) Dimethylphthalate	14.155	163	123898	20.014	ng/ul	99
48) 2,6-Dinitrotoluene	14.284	165	25867	19.402	ng/ul	99
50) Acenaphthylene	14.437	152	141237	20.294	ng/ul	99
51) 3-Nitroaniline	14.613	138	25724	21.189	ng/ul	87
52) Acenaphthene	14.777	153	103819	20.540	ng/ul	95
53) 2,4-Dinitrophenol	14.818	184	16860	19.955	ng/ul	93
55) 4-Nitrophenol	14.924	109	25051	17.976	ng/ul	96
56) Dibenzofuran	15.112	168	145767	20.350	ng/ul	99
57) 2,4-Dinitrotoluene	15.065	165	37389	19.434	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.336	232	32741	18.631	ng/ul#	93
59) Diethylphthalate	15.518	149	130075	19.548	ng/ul	97
61) Fluorene	15.759	166	121170	19.987	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.747	204	69322	20.801	ng/ul	97
63) 4-Nitroaniline	15.770	138	26199	21.983	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.835	198	20570	17.006	ng/ul	94
67) N-Nitrosodiphenylamine	15.964	169	105313	20.685	ng/ul	97
68) 4-Bromophenyl-phenylether	16.646	248	46821	20.992	ng/ul	96
69) Hexachlorobenzene	16.763	284	52147	20.645	ng/ul	100
70) Atrazine	16.910	200	47577	20.418	ng/ul	94
71) Pentachlorophenol	17.116	266	31619	20.973	ng/ul	98
72) Phenanthrene	17.504	178	197312	20.229	ng/ul	98
74) Anthracene	17.598	178	201781	20.252	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.514	216	56798	20.820	ng/ul	89
76) Pentachlorobenzene	15.030	250	61174	21.138	ng/ul	92
77) Carbazole	17.862	167	179231	20.165	ng/ul	99
78) Di-n-butylphthalate	18.414	149	219453	19.734	ng/ul	98
80) Fluoranthene	19.513	202	247867	20.871	ng/ul	99
82) Pyrene	19.877	202	246818	20.858	ng/ul	99
83) Butylbenzylphthalate	20.753	149	93943	20.222	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.634	252	92048	19.775	ng/ul	94
85) Benzo(a)anthracene	21.728	228	250286	20.442	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	137059	20.228	ng/ul	99
87) Chrysene	21.793	228	234410	20.240	ng/ul	98
89) Di-n-octyl phthalate	22.856	149	230655	19.492	ng/ul	100
90) Benzo(b)fluoranthene	23.984	252	264224	20.374	ng/ul	99
91) Benzo(k)fluoranthene	24.055	252	258196	20.419	ng/ul	99
93) Benzo(a)pyrene	24.877	252	235637	20.646	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.790	276	296402	20.128	ng/ul	96
95) Dibenzo(a,h)anthracene	28.861	278	249409	20.449	ng/ul	99
96) Benzo(g,h,i)perylene	29.965	276	239582	19.679	ng/ul	100

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

