

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
 Data File : BG049444.D
 Acq On : 24 Jul 2021 4:04
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020455

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:19 PM

Quant Time: Jul 24 06:52:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	20245	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	80504	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	55468	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.448	188	133323	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	146603	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	155707	20.000	ng/ul	# 0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2929m	6.619	ng/uL	0.00
4) Pyridine-d5	3.854	84	24385	19.186	ng/ul	0.00
7) Phenol-d5	7.203	99	34239	19.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	20045	19.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	24930	19.417	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	25764	19.083	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	12742	20.587	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	14279	19.687	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	27056	20.511	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	35169	19.130	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	86246	20.298	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	103735	21.020	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	13781	19.695	ng/ul	0.00
60) Fluorene-d10	15.691	176	76670	20.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	14825	17.944	ng/ul	0.00
73) Anthracene-d10	17.548	188	123592	19.946	ng/ul	0.00
81) Pyrene-d10	19.833	212	153275	20.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	168855	20.633	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.467	88	4974m	8.224	ng/uL	
5) Pyridine	3.872	79	26514	19.502	ng/ul#	83
6) Benzaldehyde	7.179	77	26044	24.367	ng/ul	91
8) Phenol	7.220	94	32154	18.377	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.461	93	22886	18.985	ng/ul	99
12) 2-Chlorophenol	7.608	128	25040	20.257	ng/ul	96
13) 2-Methylphenol	8.489	108	25453	19.086	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.577	45	27832	19.702	ng/ul	99
16) Acetophenone	8.871	105	43186	19.874	ng/ul	85
17) N-Nitroso-di-n-propyla...	8.854	70	21718	19.382	ng/ul#	84
18) 4-Methylphenol	8.812	108	27076	19.299	ng/ul	97
19) Hexachloroethane	9.136	117	11498	20.648	ng/ul#	79
22) Nitrobenzene	9.259	77	36804	19.915	ng/ul	97
23) Isophorone	9.776	82	64057	20.686	ng/ul	99
25) 2-Nitrophenol	9.970	139	13878	20.332	ng/ul#	80
26) 2,4-Dimethylphenol	10.028	107	34182	21.012	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.263	93	31942	20.681	ng/ul#	97
29) 2,4-Dichlorophenol	10.516	162	26567	20.602	ng/ul	93
30) Naphthalene	10.915	128	84193	20.303	ng/ul#	95
32) 4-Chloroaniline	11.021	127	34257	19.589	ng/ul#	89
33) Hexachlorobutadiene	11.197	225	20804	21.102	ng/ul#	85
34) Caprolactam	11.773	113	8304m	18.934	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	30131	20.767	ng/ul	97
36) 2-Methylnaphthalene	12.525	142	61458	20.250	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	61660	20.105	ng/ul	85
39) 1,2,4,5-Tetrachloroben...	12.889	216	34273	20.789	ng/ul#	90
40) Hexachlorocyclopentadiene	12.872	237	16674	16.786	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.130	196	20320	20.057	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.201	196	23024m	21.280	ng/ul	
43) 1,1'-Biphenyl	13.530	154	82434	20.870	ng/ul	97
44) 2-Chloronaphthalene	13.571	162	63530	20.669	ng/ul	95
45) 2-Nitroaniline	13.776	65	23174	21.245	ng/ul	98
47) Dimethylphthalate	14.140	163	84126	20.360	ng/ul	98
48) 2,6-Dinitrotoluene	14.264	165	17872	21.673	ng/ul#	92
50) Acenaphthylene	14.417	152	98272	20.852	ng/ul	100
51) 3-Nitroaniline	14.593	138	17408	21.166	ng/ul	91
52) Acenaphthene	14.763	153	70425	20.835	ng/ul	96
53) 2,4-Dinitrophenol	14.810	184	6673	16.242	ng/ul#	66
55) 4-Nitrophenol	14.904	109	18448	19.444	ng/ul	91
56) Dibenzofuran	15.092	168	95745	20.978	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	26868	22.986	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	21107	21.497	ng/ul#	99
59) Diethylphthalate	15.503	149	89326	20.888	ng/ul	99
61) Fluorene	15.744	166	83012	21.424	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.732	204	42946	21.292	ng/ul	92
63) 4-Nitroaniline	15.756	138	18555	22.751	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.815	198	13893	18.268	ng/ul#	87
67) N-Nitrosodiphenylamine	15.950	169	67085	19.200	ng/ul	95
68) 4-Bromophenyl-phenylether	16.631	248	29178	19.655	ng/ul	94
69) Hexachlorobenzene	16.749	284	34286	20.413	ng/ul	99
70) Atrazine	16.890	200	32948	20.646	ng/ul	98
71) Pentachlorophenol	17.101	266	11508	14.798	ng/ul	95
72) Phenanthrene	17.489	178	138874	20.009	ng/ul	97
74) Anthracene	17.583	178	142702	20.289	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.494	216	33902	18.713	ng/ul	94
76) Pentachlorobenzene	15.016	250	37347	19.484	ng/ul	96
77) Carbazole	17.847	167	128368	20.415	ng/ul	98
78) Di-n-butylphthalate	18.399	149	157746	20.173	ng/ul	100
80) Fluoranthene	19.498	202	185647	20.396	ng/ul	99
82) Pyrene	19.856	202	186512	20.638	ng/ul	99
83) Butylbenzylphthalate	20.737	149	72420	20.583	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.619	252	70095	20.809	ng/ul#	95
85) Benzo(a)anthracene	21.707	228	185527	20.699	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.601	149	106891	20.471	ng/ul#	95
87) Chrysene	21.771	228	174652	20.358	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	179214	19.580	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	194092	19.888	ng/ul	97
91) Benzo(k)fluoranthene	24.021	252	195587	20.478	ng/ul	98
93) Benzo(a)pyrene	24.844	252	176036	20.792	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.733	276	221573	20.511	ng/ul	99
95) Dibenzo(a,h)anthracene	28.809	278	181707	20.326	ng/ul#	98
96) Benzo(g,h,i)perylene	29.902	276	180987	20.151	ng/ul#	90

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

