

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
 Data File : BG049432.D
 Acq On : 23 Jul 2021 19:11
 Operator : CG/JU
 Sample : SST02003
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020410

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:29:01 PM

Quant Time: Jul 23 23:56:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 23 23:52:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	22401	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	84279	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.699	164	56712	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	129230	20.000	ng/u1	0.00
79) Chrysene-d12	21.725	240	145682	20.000	ng/u1	0.00
88) Perylene-d12	25.003	264	152218	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	3778m	7.308	ng/uL	0.00
4) Pyridine-d5	3.855	84	23354	14.755	ng/u1	0.00
7) Phenol-d5	7.203	99	34549	17.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	20783	17.293	ng/u1	0.00
11) 2-Chlorophenol-d4	7.579	132	26517	19.607	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	27117	16.986	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	12625	21.635	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	14419	22.569	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	27298	17.388	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	36282	18.352	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	90130	19.319	ng/u1	0.00
49) Acenaphthylene-d8	14.388	160	104059	20.312	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	13243	19.061	ng/u1	0.00
60) Fluorene-d10	15.692	176	75623	18.364	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	14299	21.652	ng/u1	0.00
73) Anthracene-d10	17.542	188	123830	20.973	ng/u1	0.00
81) Pyrene-d10	19.833	212	147527	19.802	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	161814	19.610	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.467	88	4955m	9.551	ng/uL	
5) Pyridine	3.879	79	26533	16.782	ng/u1	100
6) Benzaldehyde	7.180	77	26269	21.375	ng/u1	100
8) Phenol	7.227	94	35579	17.293	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.462	93	24643	16.424	ng/u1	100
12) 2-Chlorophenol	7.609	128	25994	18.108	ng/u1	100
13) 2-Methylphenol	8.490	108	26148	16.988	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.578	45	28924	16.317	ng/u1	100
16) Acetophenone	8.872	105	44849	17.136	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.854	70	24227	15.613	ng/u1	100
18) 4-Methylphenol	8.819	108	29498	18.255	ng/u1	100
19) Hexachloroethane	9.142	117	11482	17.165	ng/u1	100
22) Nitrobenzene	9.259	77	39154	20.353	ng/u1	100
23) Isophorone	9.782	82	64724	16.277	ng/u1	100
25) 2-Nitrophenol	9.970	139	14475	19.895	ng/u1	100
26) 2,4-Dimethylphenol	10.029	107	34017	17.769	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.264	93	32094	16.033	ng/u1	100
29) 2,4-Dichlorophenol	10.511	162	26979	18.396	ng/u1	100
30) Naphthalene	10.916	128	85605	19.220	ng/u1	100
32) 4-Chloroaniline	11.022	127	34602	17.796	ng/u1	100
33) Hexachlorobutadiene	11.204	225	20535	14.720	ng/u1	100
34) Caprolactam	11.785	113	9190m	16.448	ng/u1	
35) 4-Chloro-3-methylphenol	12.150	107	29971	17.425	ng/u1	100
36) 2-Methylnaphthalene	12.526	142	63993	18.627	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	63767	18.740	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.890	216	35207	16.308	ng/ul	100
40) Hexachlorocyclopentadiene	12.872	237	17749	11.322	ng/ul	100
41) 2,4,6-Trichlorophenol	13.131	196	21347	16.068	ng/ul	100
42) 2,4,5-Trichlorophenol	13.201	196	22082	15.485	ng/ul	100
43) 1,1'-Biphenyl	13.530	154	82535	19.668	ng/ul	100
44) 2-Chloronaphthalene	13.571	162	64182	19.525	ng/ul	100
45) 2-Nitroaniline	13.771	65	23443	23.087	ng/ul	100
47) Dimethylphthalate	14.141	163	85995	18.249	ng/ul	100
48) 2,6-Dinitrotoluene	14.264	165	17652	21.872	ng/ul	100
50) Acenaphthylene	14.417	152	99753	20.305	ng/ul	100
51) 3-Nitroaniline	14.599	138	17163	22.119	ng/ul	100
52) Acenaphthene	14.764	153	69474	19.068	ng/ul	100
53) 2,4-Dinitrophenol	14.805	184	6165m	11.482	ng/ul	
55) 4-Nitrophenol	14.905	109	19183	20.847	ng/ul	100
56) Dibenzofuran	15.093	168	95760	18.503	ng/ul	100
57) 2,4-Dinitrotoluene	15.052	165	25801	22.224	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.322	232	20317	15.072	ng/ul	100
59) Diethylphthalate	15.504	149	88473	18.786	ng/ul	100
61) Fluorene	15.745	166	81412	18.481	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	43246	16.183	ng/ul	100
63) 4-Nitroaniline	15.762	138	18617	23.043	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.821	198	13934	20.095	ng/ul	100
67) N-Nitrosodiphenylamine	15.945	169	69865	19.518	ng/ul	100
68) 4-Bromophenyl-phenylether	16.632	248	28735	17.483	ng/ul	100
69) Hexachlorobenzene	16.749	284	33909	19.631	ng/ul	100
70) Atrazine	16.890	200	30926	19.198	ng/ul	100
71) Pentachlorophenol	17.102	266	12398	11.314	ng/ul	100
72) Phenanthrene	17.490	178	137905	21.017	ng/ul	100
74) Anthracene	17.584	178	141374	20.943	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.495	216	34573	17.064	ng/uL	100
76) Pentachlorobenzene	15.016	250	38625	18.199	ng/uL	100
77) Carbazole	17.848	167	125307	21.910	ng/ul	100
78) Di-n-butylphthalate	18.400	149	153133	21.393	ng/ul	100
80) Fluoranthene	19.499	202	183026	19.798	ng/ul	100
82) Pyrene	19.863	202	184761	20.013	ng/ul	100
83) Butylbenzylphthalate	20.738	149	68727	20.816	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.619	252	71708	20.095	ng/ul	100
85) Benzo(a)anthracene	21.707	228	182537	18.964	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.602	149	104341	21.679	ng/ul	100
87) Chrysene	21.772	228	171305	18.612	ng/ul	100
89) Di-n-octyl phthalate	22.835	149	175130	21.137	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	192330	19.103	ng/ul	100
91) Benzo(k)fluoranthene	24.022	252	184345	18.632	ng/ul	100
93) Benzo(a)pyrene	24.838	252	165249	18.684	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.739	276	207306	18.221	ng/ul	100
95) Dibenzo(a,h)anthracene	28.798	278	171330	18.522	ng/ul	100
96) Benzo(g,h,i)perylene	29.902	276	173578	18.823	ng/ul	100

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

