

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049641.D
 Acq On : 5 Aug 2021 9:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020473

Manual Integrations
 APPROVED

mohammad
 8/6/2021 2:47:52 PM

Quant Time: Aug 05 11:22:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	23499	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	100209	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	68961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	145955	20.000	ng/u1	0.00
79) Chrysene-d12	21.725	240	144116	20.000	ng/u1	0.00
88) Perylene-d12	25.003	264	151332	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4948	9.844	ng/uL	0.00
4) Pyridine-d5	3.849	84	32500	21.548	ng/u1	0.00
7) Phenol-d5	7.197	99	43477	20.386	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	24573	20.059	ng/u1	0.00
11) 2-Chlorophenol-d4	7.567	132	31937	20.923	ng/u1	0.00
15) 4-Methylphenol-d8	8.748	113	33981	20.897	ng/u1	0.00
21) Nitrobenzene-d5	9.206	128	16987	21.520	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	19977	22.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	35966	21.159	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	46606	20.028	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	115143	21.277	ng/u1	0.00
49) Acenaphthylene-d8	14.388	160	131541	20.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	17026	19.459	ng/u1	0.00
60) Fluorene-d10	15.686	176	97813	21.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	19252	19.598	ng/u1	0.00
73) Anthracene-d10	17.542	188	149351m	21.678	ng/u1	0.00
81) Pyrene-d10	19.833	212	173852	21.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.779	264	182379	21.994	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.455	88	5209	8.552	ng/uL#	82
5) Pyridine	3.867	79	35015	20.939	ng/u1#	88
6) Benzaldehyde	7.180	77	21739	19.126	ng/u1	81
8) Phenol	7.221	94	43939	20.796	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.456	93	32975	22.495	ng/u1	98
12) 2-Chlorophenol	7.603	128	33775	22.126	ng/u1	96
13) 2-Methylphenol	8.484	108	34671	20.957	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.572	45	35740	21.334	ng/u1	93
16) Acetophenone	8.866	105	60052	22.251	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.848	70	30526	21.040	ng/u1	91
18) 4-Methylphenol	8.813	108	35330	20.441	ng/u1	97
19) Hexachloroethane	9.136	117	14927	22.050	ng/u1	93
22) Nitrobenzene	9.253	77	51458	21.983	ng/u1	97
23) Isophorone	9.776	82	87375	22.073	ng/u1	96
25) 2-Nitrophenol	9.970	139	19907	21.559	ng/u1#	86
26) 2,4-Dimethylphenol	10.023	107	44917	21.079	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.264	93	45008	22.442	ng/u1	94
29) 2,4-Dichlorophenol	10.505	162	34818	21.656	ng/u1	97
30) Naphthalene	10.916	128	115355	22.043	ng/u1#	97
32) 4-Chloroaniline	11.022	127	46059	20.684	ng/u1	97
33) Hexachlorobutadiene	11.198	225	28769	21.784	ng/u1	90
34) Caprolactam	11.779	113	10740m	20.894	ng/u1	
35) 4-Chloro-3-methylphenol	12.138	107	40354	21.658	ng/u1	95
36) 2-Methylnaphthalene	12.520	142	85395	21.311	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.737	142	80701	20.697	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.890	216	47103	21.993	ng/ul	98
40) Hexachlorocyclopentadiene	12.866	237	23367	18.498	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.131	196	29228	21.326	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.201	196	31734	21.579	ng/ul	97
43) 1,1'-Biphenyl	13.524	154	109816	21.377	ng/ul	92
44) 2-Chloronaphthalene	13.571	162	86717	21.564	ng/ul	91
45) 2-Nitroaniline	13.771	65	32374	22.867	ng/ul	95
47) Dimethylphthalate	14.141	163	118034	21.974	ng/ul#	98
48) 2,6-Dinitrotoluene	14.264	165	25080	22.861	ng/ul	94
50) Acenaphthylene	14.417	152	131760	21.690	ng/ul	99
51) 3-Nitroaniline	14.593	138	18658	19.103	ng/ul	100
52) Acenaphthene	14.758	153	94247	21.721	ng/ul	97
53) 2,4-Dinitrophenol	14.811	184	10794	17.858	ng/ul	91
55) 4-Nitrophenol	14.899	109	24452	21.369	ng/ul	91
56) Dibenzofuran	15.093	168	127437	21.171	ng/ul	98
57) 2,4-Dinitrotoluene	15.051	165	35400	22.370	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.316	232	27548	22.732	ng/ul#	93
59) Diethylphthalate	15.504	149	118641	21.906	ng/ul	97
61) Fluorene	15.745	166	108433	22.152	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.733	204	58201	21.839	ng/ul	97
63) 4-Nitroaniline	15.756	138	17475	19.137	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.821	198	19360	21.032	ng/ul	95
67) N-Nitrosodiphenylamine	15.944	169	87634	21.785	ng/ul	90
68) 4-Bromophenyl-phenylether	16.626	248	39439	23.230	ng/ul	98
69) Hexachlorobenzene	16.749	284	43904	22.844	ng/ul	97
70) Atrazine	16.890	200	39252	22.182	ng/ul#	88
71) Pentachlorophenol	17.096	266	16424	17.843	ng/ul	94
72) Phenanthrene	17.489	178	178216	23.070	ng/ul	99
74) Anthracene	17.577	178	177123	22.921	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.495	216	46509	21.694	ng/ul	96
76) Pentachlorobenzene	15.016	250	49845	22.046	ng/ul	95
77) Carbazole	17.848	167	150326	21.769	ng/ul	96
78) Di-n-butylphthalate	18.400	149	193776	22.951	ng/ul	99
80) Fluoranthene	19.498	202	221430	22.596	ng/ul	98
82) Pyrene	19.863	202	218468	22.352	ng/ul	100
83) Butylbenzylphthalate	20.738	149	83673	22.463	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.619	252	74064	21.708	ng/ul#	96
85) Benzo(a)anthracene	21.707	228	213210	22.533	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.601	149	119977	21.989	ng/ul	100
87) Chrysene	21.772	228	200356	22.672	ng/ul	98
89) Di-n-octyl phthalate	22.829	149	205959	21.819	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	221651	22.409	ng/ul	98
91) Benzo(k)fluoranthene	24.028	252	218564	22.254	ng/ul	96
93) Benzo(a)pyrene	24.850	252	201804	23.176	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.751	276	260797	22.823	ng/ul	98
95) Dibenzo(a,h)anthracene	28.815	278	214541	22.506	ng/ul	99
96) Benzo(g,h,i)perylene	29.920	276	215353	22.663	ng/ul#	95

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

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