

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049698.D
 Acq On : 7 Aug 2021 9:56
 Operator : CG/JU
 Sample : PB138087BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS087

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:10:17 PM

Quant Time: Aug 07 11:50:16 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	26622	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.863	136	113622	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	75980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	161331m	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	150405	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	158986	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4308	7.566	ng/uL	0.00
4) Pyridine-d5	3.843	84	64931	38.000	ng/ul	0.00
7) Phenol-d5	7.197	99	94966	39.306	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	52706	37.977	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	70942	41.024	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	73198	39.734	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	36243	40.494	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	41919	41.011	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	76387	39.634	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	96020	36.392	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	232689	39.025	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	278813	39.304	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	37874	39.287	ng/ul	0.00
60) Fluorene-d10	15.692	176	202721	39.553	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	42888	39.498	ng/ul	0.00
73) Anthracene-d10	17.548	188	312503	41.035	ng/ul	0.00
81) Pyrene-d10	19.833	212	363073	43.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	340226	39.055	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	9635	13.963	ng/uL	94
5) Pyridine	3.867	79	68709	36.269	ng/ul	97
6) Benzaldehyde	7.174	77	67770	52.631	ng/ul#	80
8) Phenol	7.227	94	97290	40.644	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.456	93	66448	40.013	ng/ul	91
12) 2-Chlorophenol	7.603	128	70550	40.796	ng/ul	99
13) 2-Methylphenol	8.484	108	76169	40.639	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.572	45	73625	38.792	ng/ul	96
16) Acetophenone	8.872	105	121419	39.712	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.854	70	63284	38.501	ng/ul	92
18) 4-Methylphenol	8.819	108	79275	40.485	ng/ul	86
19) Hexachloroethane	9.130	117	31837	41.513	ng/ul	87
22) Nitrobenzene	9.253	77	105876	39.890	ng/ul	96
23) Isophorone	9.776	82	173110	38.569	ng/ul#	97
25) 2-Nitrophenol	9.970	139	41714	39.843	ng/ul#	89
26) 2,4-Dimethylphenol	10.029	107	90520	37.464	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.258	93	90415	39.761	ng/ul	93
29) 2,4-Dichlorophenol	10.511	162	73512	40.325	ng/ul#	94
30) Naphthalene	10.916	128	237734	40.066	ng/ul	98
32) 4-Chloroaniline	11.022	127	95241	37.722	ng/ul	92
33) Hexachlorobutadiene	11.198	225	58316	38.945	ng/ul	93
34) Caprolactam	11.791	113	23397m	40.144	ng/ul	
35) 4-Chloro-3-methylphenol	12.149	107	89168	42.207	ng/ul	93
36) 2-Methylnaphthalene	12.520	142	176696	38.891	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	166212	37.595	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.890	216	96984	41.100	ng/ul	98
40) Hexachlorocyclopentadiene	12.866	237	38665	27.781	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.130	196	61495	40.724	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.207	196	67572	41.704	ng/ul	99
43) 1,1'-Biphenyl	13.524	154	224937	39.742	ng/ul	96
44) 2-Chloronaphthalene	13.571	162	177052	39.960	ng/ul	97
45) 2-Nitroaniline	13.777	65	68372	43.833	ng/ul	94
47) Dimethylphthalate	14.141	163	234519	39.625	ng/ul#	97
48) 2,6-Dinitrotoluene	14.270	165	50338	41.645	ng/ul	93
50) Acenaphthylene	14.417	152	267198	39.922	ng/ul	99
51) 3-Nitroaniline	14.599	138	49335	45.846	ng/ul#	91
52) Acenaphthene	14.758	153	192152	40.194	ng/ul	95
53) 2,4-Dinitrophenol	14.811	184	25461	38.232	ng/ul	94
55) 4-Nitrophenol	14.910	109	52341	41.516	ng/ul	94
56) Dibenzofuran	15.093	168	262779	39.623	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	71527	41.024	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.322	232	59483	44.550	ng/ul#	98
59) Diethylphthalate	15.504	149	243450	40.798	ng/ul	99
61) Fluorene	15.745	166	219519	40.703	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.733	204	117405	39.985	ng/ul	93
63) 4-Nitroaniline	15.762	138	50595	50.287	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.827	198	39612m	38.931	ng/ul	
67) N-Nitrosodiphenylamine	15.950	169	189256	42.563	ng/ul	95
68) 4-Bromophenyl-phenylether	16.632	248	80958	43.140	ng/ul	96
69) Hexachlorobenzene	16.755	284	91662	43.147	ng/ul	98
70) Atrazine	16.896	200	80184	40.994	ng/ul	98
71) Pentachlorophenol	17.102	266	45017	44.246	ng/ul	98
72) Phenanthrene	17.489	178	353446m	41.392	ng/ul	
74) Anthracene	17.583	178	348464	40.796	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.495	216	100749	42.515	ng/ul	97
76) Pentachlorobenzene	15.016	250	104263	41.720	ng/ul	94
77) Carbazole	17.848	167	316139m	41.417	ng/ul	
78) Di-n-butylphthalate	18.400	149	398164	42.665	ng/ul	99
80) Fluoranthene	19.498	202	435004	42.534	ng/ul	99
82) Pyrene	19.863	202	426869	41.847	ng/ul	99
83) Butylbenzylphthalate	20.738	149	170609	43.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.619	252	146084	41.026	ng/ul	98
85) Benzo(a)anthracene	21.713	228	410084	41.528	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.601	149	244560	42.948	ng/ul	99
87) Chrysene	21.778	228	388057	42.076	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	404188	40.757	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	432117	41.584	ng/ul	98
91) Benzo(k)fluoranthene	24.039	252	424343	41.127	ng/ul	98
93) Benzo(a)pyrene	24.862	252	379543	41.490	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	492305	41.008	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.833	278	406110	40.551	ng/ul	99
96) Benzo(g,h,i)perylene	29.943	276	407659m	40.835	ng/ul	

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

