

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049758.D
 Acq On : 10 Aug 2021 15:42
 Operator : CG/JU
 Sample : PB138087BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS087

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:32:03 PM

Quant Time: Aug 10 17:09:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	22118	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	95877	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	68586	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	154820	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	140665	20.000	ng/ul	# 0.00
88) Perylene-d12	24.996	264	147442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	3091	6.534	ng/uL	0.00
4) Pyridine-d5	3.843	84	51638m	36.375	ng/ul	0.00
7) Phenol-d5	7.197	99	83921	41.807	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	47916	41.557	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	65415	45.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	68387	44.682	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	33580	44.463	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	40470	46.921	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.481	165	73281	45.059	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	94034	42.236	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	251664	46.758	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	286603	44.757	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	40428	46.457	ng/ul	0.00
60) Fluorene-d10	15.680	176	210627	45.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	48189	46.246	ng/ul	0.00
73) Anthracene-d10	17.542	188	331679	45.385	ng/ul	0.00
81) Pyrene-d10	19.827	212	398070	51.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	364893	45.166	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.449	88	8128	14.177	ng/uL	96
5) Pyridine	3.860	79	56134m	35.665	ng/ul	
6) Benzaldehyde	7.168	77	58838m	54.999	ng/ul	
8) Phenol	7.226	94	89288	44.897	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.449	93	59777	43.326	ng/ul	96
12) 2-Chlorophenol	7.596	128	63747	44.369	ng/ul	97
13) 2-Methylphenol	8.483	108	67823	43.555	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.566	45	66642	42.263	ng/ul#	92
16) Acetophenone	8.865	105	113951	44.859	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.848	70	60796	44.519	ng/ul#	96
18) 4-Methylphenol	8.818	108	75362	46.324	ng/ul	80
19) Hexachloroethane	9.130	117	28508	44.741	ng/ul	90
22) Nitrobenzene	9.247	77	95312	42.557	ng/ul	98
23) Isophorone	9.776	82	171378	45.250	ng/ul	95
25) 2-Nitrophenol	9.964	139	39481	44.689	ng/ul#	92
26) 2,4-Dimethylphenol	10.022	107	81568	40.008	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.257	93	84620	44.100	ng/ul#	95
29) 2,4-Dichlorophenol	10.504	162	70499	45.830	ng/ul#	95
30) Naphthalene	10.910	128	219185	43.776	ng/ul	99
32) 4-Chloroaniline	11.015	127	89761	42.131	ng/ul	97
33) Hexachlorobutadiene	11.191	225	54595	43.208	ng/ul	93
34) Caprolactam	11.785	113	26423m	53.727	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	89097	49.979	ng/ul	95
36) 2-Methylnaphthalene	12.513	142	171604	44.760	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	165801	44.443	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.883	216	94553	44.389	ng/ul	96
40) Hexachlorocyclopentadiene	12.860	237	38767	30.857	ng/ul	93
41) 2,4,6-Trichlorophenol	13.124	196	63694	46.727	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.201	196	68095	46.557	ng/ul	94
43) 1,1'-Biphenyl	13.518	154	224469	43.935	ng/ul	99
44) 2-Chloronaphthalene	13.565	162	176579	44.150	ng/ul	97
45) 2-Nitroaniline	13.770	65	67463	47.913	ng/ul	94
47) Dimethylphthalate	14.135	163	248506	46.515	ng/ul	98
48) 2,6-Dinitrotoluene	14.264	165	52539	48.152	ng/ul	91
50) Acenaphthylene	14.411	152	262052	43.374	ng/ul	99
51) 3-Nitroaniline	14.593	138	48778	50.215	ng/ul#	93
52) Acenaphthene	14.751	153	191045	44.271	ng/ul	92
53) 2,4-Dinitrophenol	14.810	184	31889	53.046	ng/ul	91
55) 4-Nitrophenol	14.916	109	55201	48.505	ng/ul	94
56) Dibenzofuran	15.086	168	269774	45.063	ng/ul	98
57) 2,4-Dinitrotoluene	15.051	165	75851	48.195	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.315	232	62755	52.068	ng/ul	96
59) Diethylphthalate	15.497	149	258060	47.909	ng/ul	99
61) Fluorene	15.738	166	225558	46.332	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.727	204	121505	45.843	ng/ul	96
63) 4-Nitroaniline	15.762	138	51969	57.222	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.820	198	46901	48.033	ng/ul	99
67) N-Nitrosodiphenylamine	15.938	169	196989	46.165	ng/ul	94
68) 4-Bromophenyl-phenylether	16.625	248	83802	46.534	ng/ul	97
69) Hexachlorobenzene	16.749	284	96393	47.282	ng/ul	98
70) Atrazine	16.890	200	87861	46.808	ng/ul	92
71) Pentachlorophenol	17.095	266	46740	47.872	ng/ul	96
72) Phenanthrene	17.483	178	378703	46.215	ng/ul	99
74) Anthracene	17.577	178	369278	45.051	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	97712	42.968	ng/ul	98
76) Pentachlorobenzene	15.010	250	107079	44.649	ng/ul	95
77) Carbazole	17.847	167	335711	45.831	ng/ul	96
78) Di-n-butylphthalate	18.393	149	434061	48.467	ng/ul	99
80) Fluoranthene	19.492	202	475313	49.693	ng/ul	98
82) Pyrene	19.856	202	459260	48.140	ng/ul	100
83) Butylbenzylphthalate	20.732	149	185267	50.958	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.613	252	165885	49.813	ng/ul	96
85) Benzo(a)anthracene	21.701	228	441397	47.794	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.589	149	260695	48.951	ng/ul	99
87) Chrysene	21.771	228	414622	48.070	ng/ul	99
89) Di-n-octyl phthalate	22.817	149	435813	47.387	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	458053	47.531	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	448081m	46.828	ng/ul	
93) Benzo(a)pyrene	24.844	252	402014	47.387	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.750	276	525313	47.184	ng/ul	98
95) Dibenzo(a,h)anthracene	28.815	278	437888	47.147	ng/ul	98
96) Benzo(g,h,i)perylene	29.919	276	429968m	46.442	ng/ul	

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

