

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031985.D
 Acq On : 31 Aug 2021 14:24
 Operator : CG/JU
 Sample : PB138690BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS690

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:02:55 PM

Quant Time: Aug 31 15:02:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	75302	20.000	ng/u1	0.00
20) Naphthalene-d8	10.263	136	331657	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.145	164	251744	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	550500	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.115	240	563797	20.000	ng/u1	# 0.00
88) Perylene-d12	23.250	264	460612	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	12364	7.576	ng/uL	0.00
4) Pyridine-d5	3.522	84	178545	38.525	ng/u1	0.00
7) Phenol-d5	6.704	99	263443	42.189	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	144394	39.966	ng/u1	0.00
11) 2-Chlorophenol-d4	7.045	132	213392	44.409	ng/u1	0.00
15) 4-Methylphenol-d8	8.222	113	223372	41.695	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	105927	43.973	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	128264	44.991	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	256052	44.766	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	317022	39.292	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	808988	42.469	ng/u1	0.00
49) Acenaphthylene-d8	13.833	160	998664	44.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	145839	42.297	ng/u1	0.00
60) Fluorene-d10	15.151	176	721223	43.071	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	149091	39.415	ng/u1	0.00
73) Anthracene-d10	17.004	188	1186257	45.399	ng/u1	0.00
81) Pyrene-d10	19.309	212	1352600	51.220	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.121	264	1126830	46.548	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	27982	14.221	ng/uL	88
5) Pyridine	3.540	79	195958	41.128	ng/u1	89
6) Benzaldehyde	6.675	77	157923m	55.866	ng/u1	
8) Phenol	6.728	94	290456	46.225	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.957	93	205703	42.983	ng/u1	91
12) 2-Chlorophenol	7.075	128	231733	48.295	ng/u1	98
13) 2-Methylphenol	7.957	108	217879	44.972	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.034	45	265025	42.613	ng/u1#	93
16) Acetophenone	8.328	105	359637	42.862	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.322	70	185507	45.318	ng/u1	95
18) 4-Methylphenol	8.287	108	242276	45.033	ng/u1	96
19) Hexachloroethane	8.551	117	95351	46.389	ng/u1	89
22) Nitrobenzene	8.698	77	276943	45.538	ng/u1	99
23) Isophorone	9.222	82	509360	45.507	ng/u1#	95
25) 2-Nitrophenol	9.398	139	145439	48.973	ng/u1	95
26) 2,4-Dimethylphenol	9.469	107	288882	47.786	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.704	93	303198	45.697	ng/u1	99
29) 2,4-Dichlorophenol	9.922	162	266580	48.999	ng/u1	98
30) Naphthalene	10.316	128	756719	45.577	ng/u1	99
32) 4-Chloroaniline	10.439	127	338280	42.030	ng/u1	99
33) Hexachlorobutadiene	10.586	225	166024	45.999	ng/u1	98
34) Caprolactam	11.251	113	83059m	45.801	ng/u1	
35) 4-Chloro-3-methylphenol	11.575	107	282182	49.459	ng/u1	99
36) 2-Methylnaphthalene	11.933	142	598910	45.750	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	580250	43.517	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.310	216	342598	47.409	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	155907	40.083	ng/ul	98
41) 2,4,6-Trichlorophenol	12.563	196	237102	48.977	ng/ul	100
42) 2,4,5-Trichlorophenol	12.639	196	262677	49.965	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	818297	46.211	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	645705	46.027	ng/ul	99
45) 2-Nitroaniline	13.239	65	192610	49.834	ng/ul	95
47) Dimethylphthalate	13.621	163	867901	46.401	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	189665	51.399	ng/ul	92
50) Acenaphthylene	13.869	152	974442	46.943	ng/ul	99
51) 3-Nitroaniline	14.080	138	182315	52.796	ng/ul	93
52) Acenaphthene	14.210	153	701939	46.561	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	104230	40.399	ng/ul	92
55) 4-Nitrophenol	14.410	109	147680	46.394	ng/ul	83
56) Dibenzofuran	14.551	168	1039666	46.762	ng/ul	99
57) 2,4-Dinitrotoluene	14.545	165	279740	50.546	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.786	232	235555	49.911	ng/ul	98
59) Diethylphthalate	14.998	149	914695	47.848	ng/ul	99
61) Fluorene	15.204	166	890167	47.319	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	453216	47.040	ng/ul	100
63) 4-Nitroaniline	15.257	138	186550	60.309	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.315	198	157875	42.924	ng/ul#	95
67) N-Nitrosodiphenylamine	15.427	169	783906	49.586	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	278593	49.384	ng/ul	99
69) Hexachlorobenzene	16.204	284	322422	49.226	ng/ul	100
70) Atrazine	16.398	200	302808	50.837	ng/ul	98
71) Pentachlorophenol	16.557	266	202839	47.357	ng/ul	98
72) Phenanthrene	16.945	178	1447677	48.149	ng/ul	99
74) Anthracene	17.039	178	1495458	48.599	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.927	216	348480	48.645	ng/uL	98
76) Pentachlorobenzene	14.468	250	353235	47.002	ng/uL	98
77) Carbazole	17.321	167	1323601	46.999	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1676073	51.937	ng/ul	99
80) Fluoranthene	18.974	202	1755931	54.721	ng/ul#	94
82) Pyrene	19.339	202	1830295	53.874	ng/ul	95
83) Butylbenzylphthalate	20.262	149	780804	58.531	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.045	252	536900	42.300	ng/ul	97
85) Benzo(a)anthracene	21.097	228	1733024	49.416	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1251117	58.153	ng/ul#	97
87) Chrysene	21.150	228	1661519	49.256	ng/ul	100
89) Di-n-octyl phthalate	21.903	149	2102018	66.892	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	1566772m	53.388	ng/ul	
91) Benzo(k)fluoranthene	22.662	252	1570736	55.287	ng/ul	98
93) Benzo(a)pyrene	23.162	252	1335239	50.385	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	25.362	276	1495472	44.092	ng/ul	95
95) Dibenzo(a,h)anthracene	25.374	278	1285101	45.052	ng/ul	97
96) Benzo(g,h,i)perylene	26.003	276	1207508	42.994	ng/ul	96

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

