

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030465.D
 Acq On : 16 Jun 2021 13:16
 Operator : CG/JU
 Sample : PB137067BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS067

Manual Integrations
 APPROVED

mohammad
 6/17/2021 12:16:53 PM

Quant Time: Jun 16 13:50:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 10:51:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	143012	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	555586	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	330534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	664120	20.000	ng/u1	0.00
79) Chrysene-d12	21.350	240	725603	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	709285	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	24700	6.595	ng/uL	0.00
4) Pyridine-d5	3.716	84	268371	27.270	ng/u1	0.00
7) Phenol-d5	6.992	99	412659	33.200	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	263624	32.862	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	336348	37.418	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	312438	31.474	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	148864	39.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	162131	42.925	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	319709	38.858	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	395164	31.418	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	867374	38.239	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1143826	40.364	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	162513	38.276	ng/u1	0.00
60) Fluorene-d10	15.439	176	791553	38.979	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	148606	38.765	ng/u1	0.00
73) Anthracene-d10	17.280	188	1153874	38.200	ng/u1	0.00
81) Pyrene-d10	19.568	212	1346735	35.461	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	1520872	43.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	61101	16.095	ng/uL	98
5) Pyridine	3.734	79	303679	29.229	ng/u1	97
6) Benzaldehyde	6.969	77	238943	41.018	ng/u1	95
8) Phenol	7.022	94	418373	33.233	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.245	93	329819	32.452	ng/u1	99
12) 2-Chlorophenol	7.392	128	337738	36.421	ng/u1	99
13) 2-Methylphenol	8.263	108	296186	31.639	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.351	45	525888	32.124	ng/u1	99
16) Acetophenone	8.645	105	498530	31.763	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	250748	32.869	ng/u1	98
18) 4-Methylphenol	8.592	108	329118	31.884	ng/u1	99
19) Hexachloroethane	8.898	117	136173	34.706	ng/u1	99
22) Nitrobenzene	9.022	77	376291	38.543	ng/u1	99
23) Isophorone	9.545	82	649408	36.379	ng/u1	99
25) 2-Nitrophenol	9.728	139	178284	42.610	ng/u1	100
26) 2,4-Dimethylphenol	9.786	107	275938	29.131	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	422691	35.565	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	311832	38.921	ng/u1	99
30) Naphthalene	10.663	128	1025171	36.403	ng/u1	100
32) 4-Chloroaniline	10.769	127	390025	30.980	ng/u1	97
33) Hexachlorobutadiene	10.945	225	200107	39.246	ng/u1	97
34) Caprolactam	11.545	113	107518m	41.911	ng/u1	
35) 4-Chloro-3-methylphenol	11.892	107	317174	38.901	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	725448	36.209	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	705153	34.676	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	386314	40.201	ng/ul	99
40) Hexachlorocyclopentadiene	12.621	237	175972	28.981	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	242535	42.011	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	264860	42.117	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	936004	38.867	ng/ul	100
44) 2-Chloronaphthalene	13.321	162	737907	39.704	ng/ul	98
45) 2-Nitroaniline	13.527	65	207311	44.621	ng/ul	97
47) Dimethylphthalate	13.904	163	886924	40.026	ng/ul	99
48) 2,6-Dinitrotoluene	14.021	165	180643	45.491	ng/ul	96
50) Acenaphthylene	14.168	152	1070096	39.535	ng/ul	100
51) 3-Nitroaniline	14.351	138	182330	40.273	ng/ul	98
52) Acenaphthene	14.510	153	789097	39.241	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	111999	42.265	ng/ul	96
55) 4-Nitrophenol	14.663	109	161252	48.475	ng/ul	92
56) Dibenzofuran	14.845	168	1100646	39.342	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	257138	45.786	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	217888	43.282	ng/ul	98
59) Diethylphthalate	15.268	149	880187	40.252	ng/ul	99
61) Fluorene	15.492	166	933671	39.749	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	457279	40.425	ng/ul	100
63) 4-Nitroaniline	15.515	138	198065	46.723	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.568	198	149052	39.212	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	776075	39.669	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	265978	41.175	ng/ul	97
69) Hexachlorobenzene	16.492	284	307436	41.873	ng/ul	99
70) Atrazine	16.651	200	213800	30.451	ng/ul	100
71) Pentachlorophenol	16.839	266	189984	42.226	ng/ul	99
72) Phenanthrene	17.227	178	1451426	40.419	ng/ul	100
74) Anthracene	17.315	178	1434030	39.569	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	381921	39.967	ng/ul	98
76) Pentachlorobenzene	14.768	250	354880	38.562	ng/ul	98
77) Carbazole	17.586	167	1278835	39.730	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1463493	43.415	ng/ul	100
80) Fluoranthene	19.233	202	1672379	35.837	ng/ul	99
82) Pyrene	19.597	202	1784785	36.164	ng/ul	98
83) Butylbenzylphthalate	20.492	149	651472	42.059	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.268	252	547130	41.696	ng/ul	99
85) Benzo(a)anthracene	21.333	228	1770719	40.388	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.262	149	949570	40.412	ng/ul	99
87) Chrysene	21.386	228	1745548	40.378	ng/ul	100
89) Di-n-octyl phthalate	22.144	149	1658041	36.293	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1869341	41.001	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	1888829	43.372	ng/ul	99
93) Benzo(a)pyrene	23.521	252	1693229	42.490	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.926	276	2263842	46.158	ng/ul	97
95) Dibenzo(a,h)anthracene	25.938	278	1906486	46.169	ng/ul	98
96) Benzo(g,h,i)perylene	26.632	276	1870357	46.407	ng/ul	98

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

