

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030196.D
 Acq On : 27 May 2021 11:50
 Operator : CG/JU
 Sample : PB136673BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS673

Manual Integrations
 APPROVED

mohammad
 5/27/2021 11:11:12 PM

Quant Time: May 27 12:44:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 27 10:27:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	246440	20.00	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1081017	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	737986	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1589624	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1684712	20.00	ng/ul	0.00
88) Perylene-d12	23.680	264	1405319	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	34965	5.81	ng/uL	0.00
4) Pyridine-d5	3.746	84	515377	30.53	ng/ul	0.00
7) Phenol-d5	7.028	99	819888	37.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	510456	37.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	622652	38.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	657631	38.22	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	307676	43.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	314048	46.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	689419	39.76	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	927325	36.01	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2236606	39.64	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2770800	38.10	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	410237	44.99	ng/ul	0.00
60) Fluorene-d10	15.486	176	1949647	39.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	347790	45.13	ng/ul	0.00
73) Anthracene-d10	17.333	188	3031515	38.53	ng/ul	0.00
81) Pyrene-d10	19.615	212	3530754	39.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	3264410	40.98	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	84636	13.07	ng/uL	97
5) Pyridine	3.769	79	502911	29.01	ng/ul	97
6) Benzaldehyde	7.016	77	443025	38.32	ng/ul	97
8) Phenol	7.057	94	740110	33.62	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	575987	32.60	ng/ul	98
12) 2-Chlorophenol	7.440	128	567432	34.14	ng/ul	99
13) 2-Methylphenol	8.304	108	558928	33.58	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	949374	32.34	ng/ul	100
16) Acetophenone	8.692	105	933168	33.56	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.687	70	494808	33.73	ng/ul	100
18) 4-Methylphenol	8.634	108	618789	34.53	ng/ul	99
19) Hexachloroethane	8.957	117	224365	31.53	ng/ul	95
22) Nitrobenzene	9.069	77	687530	35.99	ng/ul	99
23) Isophorone	9.598	82	1359835	33.76	ng/ul	99
25) 2-Nitrophenol	9.781	139	313499	41.32	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	591362	29.29	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	838634	33.97	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	598452	35.76	ng/ul	99
30) Naphthalene	10.716	128	1931275	32.56	ng/ul	99
32) 4-Chloroaniline	10.822	127	816466	30.62	ng/ul	100
33) Hexachlorobutadiene	11.004	225	361921	31.74	ng/ul	99
34) Caprolactam	11.592	113	197756m	38.69	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	654723	37.32	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	1462796	32.98	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1438557	33.37	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	778365	32.51	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	376800	22.46	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	508188	37.81	ng/ul	94
42) 2,4,5-Trichlorophenol	12.998	196	559497	38.48	ng/ul	100
43) 1,1'-Biphenyl	13.333	154	1955857	33.23	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	1506188	33.29	ng/ul	99
45) 2-Nitroaniline	13.575	65	444173	42.74	ng/ul	93
47) Dimethylphthalate	13.951	163	2006430	36.00	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	396678	44.66	ng/ul	94
50) Acenaphthylene	14.222	152	2299097	32.74	ng/ul	100
51) 3-Nitroaniline	14.398	138	414308	40.02	ng/ul#	93
52) Acenaphthene	14.563	153	1685632	33.98	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	205045	36.77	ng/ul	97
55) 4-Nitrophenol	14.698	109	285434	28.51	ng/ul	98
56) Dibenzofuran	14.892	168	2373794	34.57	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	573351	44.51	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	489247	39.85	ng/ul	97
59) Diethylphthalate	15.316	149	2085307	36.94	ng/ul	99
61) Fluorene	15.539	166	2065610	35.46	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	1010215	35.37	ng/ul	100
63) 4-Nitroaniline	15.557	138	453717	42.62	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	317001	39.88	ng/ul	99
67) N-Nitrosodiphenylamine	15.745	169	1780110	34.33	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	632740	35.36	ng/ul	98
69) Hexachlorobenzene	16.545	284	724092	35.41	ng/ul	98
70) Atrazine	16.692	200	647052	34.79	ng/ul	100
71) Pentachlorophenol	16.880	266	413991	33.15	ng/ul	99
72) Phenanthrene	17.274	178	3289263	35.31	ng/ul	99
74) Anthracene	17.363	178	3330252	34.85	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	779268	30.05	ng/uL	98
76) Pentachlorobenzene	14.816	250	779011	32.38	ng/uL	100
77) Carbazole	17.627	167	3044723	35.16	ng/ul	100
78) Di-n-butylphthalate	18.192	149	3765313	39.15	ng/ul	100
80) Fluoranthene	19.280	202	3952766	35.81	ng/ul	99
82) Pyrene	19.639	202	4095560	35.50	ng/ul	97
83) Butylbenzylphthalate	20.527	149	1663319	42.24	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.303	252	1275010	35.75	ng/ul	100
85) Benzo(a)anthracene	21.374	228	3933208	35.43	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	2669007	42.24	ng/ul	98
87) Chrysene	21.427	228	3823333	35.39	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	4243053	46.96	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	3828409	40.65	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	3545999	38.18	ng/ul	99
93) Benzo(a)pyrene	23.586	252	3164828	38.07	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.021	276	3648476	35.04	ng/ul	100
95) Dibenzo(a,h)anthracene	26.033	278	3087093	35.46	ng/ul	99
96) Benzo(g,h,i)perylene	26.738	276	2861890	33.64	ng/ul	100

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

