

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035962.D
 Acq On : 27 Jul 2022 22:05
 Operator : CG/JU
 Sample : PB146378BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS378

Quant Time: Jul 27 23:15:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 03:28:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	261978	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.693	136	1091993	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.522	164	638634	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.263	188	1285987	20.000	ng/u1	-0.02
79) Chrysene-d12	21.439	240	1183186	20.000	ng/u1	-0.02
88) Perylene-d12	23.815	264	1214796	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	43645	6.269	ng/uL	0.00
4) Pyridine-d5	3.699	84	585912	30.719	ng/u1	0.00
7) Phenol-d5	7.052	99	741570	33.755	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.216	67	455083	31.073	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.416	132	641325	35.169	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	589330	33.113	ng/u1	-0.02
21) Nitrobenzene-d5	9.052	128	313700	36.253	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.775	143	327872	38.892	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.316	165	565078	37.060	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.834	131	813014	31.497	ng/u1	-0.02
46) Dimethylphthalate-d6	13.939	166	1608275	36.970	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	2078697	37.451	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.728	143	319814	35.801	ng/u1	-0.02
60) Fluorene-d10	15.510	176	1415780	36.015	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.639	200	251855	36.434	ng/u1	-0.03
73) Anthracene-d10	17.363	188	2123369	36.521	ng/u1	-0.02
81) Pyrene-d10	19.651	212	2412480	36.790	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.662	264	2299145	37.279	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	91752	12.717	ng/uL	94
5) Pyridine	3.717	79	634448	31.699	ng/u1	87
6) Benzaldehyde	7.022	77	507950	55.088	ng/u1	97
8) Phenol	7.081	94	779417	32.419	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	622005	32.181	ng/u1	96
12) 2-Chlorophenol	7.446	128	650569	34.777	ng/u1	97
13) 2-Methylphenol	8.334	108	590537	32.879	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.422	45	809118	31.714	ng/u1	96
16) Acetophenone	8.716	105	918232	32.134	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.705	70	466650	32.748	ng/u1	93
18) 4-Methylphenol	8.663	108	629900	32.692	ng/u1	99
19) Hexachloroethane	8.963	117	273831	35.478	ng/u1	93
22) Nitrobenzene	9.099	77	671173	33.895	ng/u1	97
23) Isophorone	9.622	82	1292044	34.566	ng/u1	98
25) 2-Nitrophenol	9.810	139	353734	37.821	ng/u1	96
26) 2,4-Dimethylphenol	9.869	107	643002	33.645	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	804622	34.131	ng/u1	100
29) 2,4-Dichlorophenol	10.340	162	574819	36.322	ng/u1	98
30) Naphthalene	10.740	128	2007334	34.826	ng/u1	99
32) 4-Chloroaniline	10.857	127	811698	31.656	ng/u1	100
33) Hexachlorobutadiene	11.022	225	364640	37.323	ng/u1	99
34) Caprolactam	11.640	113	188386	36.018	ng/u1	88
35) 4-Chloro-3-methylphenol	11.981	107	598281	36.357	ng/u1	96
36) 2-Methylnaphthalene	12.351	142	1306588	34.648	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1321732	34.773	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.716	216	650712	35.794	ng/ul	99
40) Hexachlorocyclopentadiene	12.692	237	384264	31.738	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	440198	37.838	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	468068	37.707	ng/ul	98
43) 1,1'-Biphenyl	13.363	154	1709992	34.787	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	1328948	35.228	ng/ul	98
45) 2-Nitroaniline	13.610	65	388107	37.317	ng/ul	96
47) Dimethylphthalate	13.987	163	1604451	36.667	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	341791	39.343	ng/ul	99
50) Acenaphthylene	14.245	152	2183983	35.570	ng/ul	100
51) 3-Nitroaniline	14.434	138	388408	40.454	ng/ul	95
52) Acenaphthene	14.586	153	1394012	34.996	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	176884	35.860	ng/ul	98
55) 4-Nitrophenol	14.739	109	242002	35.420	ng/ul	84
56) Dibenzofuran	14.922	168	1968656	35.719	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	480632	39.248	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	382381	39.206	ng/ul#	98
59) Diethylphthalate	15.345	149	1683798	38.043	ng/ul	99
61) Fluorene	15.569	166	1588858	35.290	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	771359	35.758	ng/ul	97
63) 4-Nitroaniline	15.592	138	412781	46.700	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.651	198	254533	36.798	ng/ul#	99
67) N-Nitrosodiphenylamine	15.775	169	1355254	35.847	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	470946	37.355	ng/ul	98
69) Hexachlorobenzene	16.563	284	570591	37.145	ng/ul	97
70) Atrazine	16.728	200	492665	37.571	ng/ul	99
71) Pentachlorophenol	16.910	266	341338	36.373	ng/ul	99
72) Phenanthrene	17.304	178	2469244	35.825	ng/ul	98
74) Anthracene	17.398	178	2494813	36.072	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	661629	33.084	ng/ul	97
76) Pentachlorobenzene	14.839	250	651928	35.963	ng/ul	100
77) Carbazole	17.669	167	2342007	36.664	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2985395	41.423	ng/ul	99
80) Fluoranthene	19.316	202	2891503	36.906	ng/ul	98
82) Pyrene	19.680	202	2934849	36.343	ng/ul	96
83) Butylbenzylphthalate	20.580	149	1279538	43.565	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	1000438	45.821	ng/ul	97
85) Benzo(a)anthracene	21.421	228	2786631	37.419	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.357	149	1881996	44.346	ng/ul	100
87) Chrysene	21.474	228	2690723	37.030	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	3103114	39.556	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	2955326	36.453	ng/ul#	97
91) Benzo(k)fluoranthene	23.139	252	2687943	34.939	ng/ul#	97
93) Benzo(a)pyrene	23.709	252	2827536	36.616	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.292	276	3331714	40.477	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.309	278	2859993	40.500	ng/ul	96
96) Benzo(g,h,i)perylene	27.050	276	2838833	41.619	ng/ul	95

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

