

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036700.D
 Acq On : 24 Sep 2022 05:32
 Operator : CG/JU
 Sample : N4649-15MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZ32MSD

Quant Time: Sep 24 06:00:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	341053	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1545228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	939415	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1835222	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1383639	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1161356	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	48987	5.385	ng/uL	0.00
4) Pyridine-d5	3.816	84	279926	10.550	ng/u1	0.00
7) Phenol-d5	7.163	99	316796	10.394	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	816565	44.117	ng/u1	0.00
11) 2-Chlorophenol-d4	7.539	132	863380	39.347	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	565094	25.093	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	555668	53.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	548459	58.544	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	968233	44.597	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	1182967	32.772	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	3202709	50.549	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	3673999	48.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	131090	10.667	ng/u1	0.00
60) Fluorene-d10	15.621	176	2778120	48.929	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	439932	60.589	ng/u1	0.00
73) Anthracene-d10	17.474	188	4196805	50.015	ng/u1	0.00
81) Pyrene-d10	19.750	212	4476192	65.759	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	3047195	53.706	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	65323	6.665	ng/uL	95
5) Pyridine	3.840	79	308395	11.569	ng/u1	95
6) Benzaldehyde	7.145	77	899199	60.926	ng/u1	94
8) Phenol	7.192	94	352603	10.779	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	1143715	44.938	ng/u1	99
12) 2-Chlorophenol	7.569	128	905744	38.159	ng/u1	98
13) 2-Methylphenol	8.451	108	696943	28.987	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1276083	42.303	ng/u1	97
16) Acetophenone	8.839	105	1779347	45.552	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.828	70	879805	46.678	ng/u1	94
18) 4-Methylphenol	8.786	108	657196	25.277	ng/u1	97
19) Hexachloroethane	9.092	117	277096	28.821	ng/u1	94
22) Nitrobenzene	9.222	77	1320249	47.544	ng/u1	96
23) Isophorone	9.751	82	2516950	44.454	ng/u1	100
25) 2-Nitrophenol	9.933	139	607587	52.509	ng/u1	99
26) 2,4-Dimethylphenol	9.992	107	1089314	38.169	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.233	93	1511169	44.779	ng/u1	100
29) 2,4-Dichlorophenol	10.469	162	988108	43.292	ng/u1	99
30) Naphthalene	10.869	128	3315671	39.389	ng/u1	100
32) 4-Chloroaniline	10.980	127	1215510	32.616	ng/u1	99
33) Hexachlorobutadiene	11.157	225	416748	29.854	ng/u1	100
34) Caprolactam	11.792	113	44995	6.077	ng/u1	95
35) 4-Chloro-3-methylphenol	12.098	107	1020333	40.497	ng/u1	99
36) 2-Methylnaphthalene	12.474	142	2331817	41.576	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	2394045	42.461	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	1103938	41.518	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	352935	25.470	ng/ul	98
41) 2,4,6-Trichlorophenol	13.074	196	824756	50.660	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	918157	52.602	ng/ul	98
43) 1,1'-Biphenyl	13.474	154	3112927	44.952	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2420164	44.537	ng/ul	99
45) 2-Nitroaniline	13.721	65	798509	59.701	ng/ul	96
47) Dimethylphthalate	14.098	163	3287754	48.919	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	673681	61.654	ng/ul	94
50) Acenaphthylene	14.357	152	3910118	45.507	ng/ul	99
51) 3-Nitroaniline	14.539	138	685434	52.303	ng/ul#	95
52) Acenaphthene	14.698	153	2785186	46.327	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	272892	56.284	ng/ul	94
55) 4-Nitrophenol	14.839	109	112192	10.680	ng/ul	96
56) Dibenzofuran	15.033	168	3763376	46.611	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	966128	60.819	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	756880	51.801	ng/ul	99
59) Diethylphthalate	15.451	149	3394854	50.459	ng/ul	100
61) Fluorene	15.680	166	3301399	48.010	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1548436	47.084	ng/ul	99
63) 4-Nitroaniline	15.704	138	714769	56.137	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	465467	56.808	ng/ul#	95
67) N-Nitrosodiphenylamine	15.886	169	2673034	49.453	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	893691	49.406	ng/ul	99
69) Hexachlorobenzene	16.674	284	1043630	48.779	ng/ul	97
70) Atrazine	16.839	200	952062	49.914	ng/ul	98
71) Pentachlorophenol	17.021	266	598658	47.107	ng/ul	98
72) Phenanthrene	17.415	178	5072142	50.177	ng/ul	99
74) Anthracene	17.509	178	5073598	49.379	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	1194276	47.579	ng/ul	99
76) Pentachlorobenzene	14.951	250	1142554	42.085	ng/ul	99
77) Carbazole	17.774	167	4667266	49.063	ng/ul	99
78) Di-n-butylphthalate	18.339	149	5898352	54.704	ng/ul	99
80) Fluoranthene	19.421	202	5471358	65.594	ng/ul	99
82) Pyrene	19.786	202	5571073	63.096	ng/ul	100
83) Butylbenzylphthalate	20.674	149	2412904	72.119	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	1260166	46.612	ng/ul	98
85) Benzo(a)anthracene	21.521	228	4644266	53.572	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	3674886	75.193	ng/ul	98
87) Chrysene	21.574	228	4272826	51.926	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	5463889	78.039	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	4099421	55.664	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	3858598	52.435	ng/ul	98
93) Benzo(a)pyrene	23.868	252	3408906	52.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	3913223	51.759	ng/ul	97
95) Dibenzo(a,h)anthracene	26.532	278	3598299	52.480	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	3361847	51.292	ng/ul	98

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

