

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045839.D
 Acq On : 05 Jun 2024 06:23
 Operator : MA/JU
 Sample : P2586-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18MSD

Quant Time: Jun 05 06:56:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	298239	20.000	ng/u1	0.00
20) Naphthalene-d8	10.227	136	1194090	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	657232	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1158785	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	821340	20.000	ng/u1	0.00
88) Perylene-d12	23.785	264	962219	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	36220	4.709	ng/uL	0.00
4) Pyridine-d5	3.463	84	244730	12.356	ng/u1	0.00
7) Phenol-d5	6.722	99	776290	30.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	550752	30.272	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	642684	33.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.233	113	559378	29.223	ng/u1	0.00
21) Nitrobenzene-d5	8.622	128	315901	33.836	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.333	143	342312	36.227	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.886	165	612408	34.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.410	131	390104	15.908	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	1552294	34.116	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1775776	33.609	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	304974	31.058	ng/u1	0.00
60) Fluorene-d10	15.104	176	1239486	31.932	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	158879	26.850	ng/u1	0.00
73) Anthracene-d10	16.951	188	1682376	33.397	ng/u1	0.00
81) Pyrene-d10	19.250	212	1627304	31.859	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1112959	24.748	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	112579	13.223	ng/uL	94
5) Pyridine	3.475	79	581212	28.573	ng/u1	91
6) Benzaldehyde	6.634	77	652168	54.727	ng/u1	99
8) Phenol	6.745	94	1059165	40.309	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.916	93	823606	37.552	ng/u1	98
12) 2-Chlorophenol	7.057	128	813942	40.824	ng/u1	99
13) 2-Methylphenol	7.963	108	784242	40.760	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.998	45	1672954	38.728	ng/u1	99
16) Acetophenone	8.298	105	1247994	39.120	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.286	70	679698	38.557	ng/u1	99
18) 4-Methylphenol	8.292	108	818131	41.093	ng/u1	96
19) Hexachloroethane	8.528	117	326455	34.090	ng/u1	97
22) Nitrobenzene	8.669	77	1048364	40.123	ng/u1	98
23) Isophorone	9.192	82	1891569	40.971	ng/u1	100
25) 2-Nitrophenol	9.369	139	460745	44.607	ng/u1	95
26) 2,4-Dimethylphenol	9.469	107	833123	39.759	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.675	93	1094349	39.042	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	761992	43.164	ng/u1	97
30) Naphthalene	10.275	128	2570999	40.377	ng/u1	99
32) 4-Chloroaniline	10.433	127	539679	22.514	ng/u1	97
33) Hexachlorobutadiene	10.569	225	490904	40.593	ng/u1	98
34) Caprolactam	11.251	113	224356	45.123	ng/u1	93
35) 4-Chloro-3-methylphenol	11.586	107	796918	41.609	ng/u1	100
36) 2-Methylnaphthalene	11.898	142	1665004	39.483	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.121	142	1652425	39.193	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.269	216	841603	42.756	ng/ul	98
40) Hexachlorocyclopentadiene	12.263	237	271339	22.714	ng/ul	98
41) 2,4,6-Trichlorophenol	12.545	196	549988	48.025	ng/ul	98
42) 2,4,5-Trichlorophenol	12.633	196	576946	46.426	ng/ul	97
43) 1,1'-Biphenyl	12.939	154	2045143	41.941	ng/ul	98
44) 2-Chloronaphthalene	12.968	162	1568321	41.043	ng/ul	100
45) 2-Nitroaniline	13.216	65	599135	45.917	ng/ul	98
47) Dimethylphthalate	13.604	163	1917190	41.497	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	395381	44.485	ng/ul	100
50) Acenaphthylene	13.827	152	2523866	41.273	ng/ul	99
51) 3-Nitroaniline	14.057	138	348817	42.740	ng/ul	94
52) Acenaphthene	14.168	153	1640592	40.204	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	133946	33.099	ng/ul	99
55) 4-Nitrophenol	14.421	109	339651	41.924	ng/ul	96
56) Dibenzofuran	14.510	168	2209691	40.155	ng/ul	100
57) 2,4-Dinitrotoluene	14.498	165	541105	44.005	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.757	232	434636	46.288	ng/ul	96
59) Diethylphthalate	14.968	149	1926891	41.652	ng/ul	99
61) Fluorene	15.157	166	1799358	40.582	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.168	204	862864	39.207	ng/ul	99
63) 4-Nitroaniline	15.233	138	339420	50.085	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.262	198	220589	33.966	ng/ul	99
67) N-Nitrosodiphenylamine	15.386	169	1450636	44.175	ng/ul	99
68) 4-Bromophenyl-phenylether	16.056	248	510578	42.261	ng/ul	98
69) Hexachlorobenzene	16.162	284	476844	35.690	ng/ul	98
70) Atrazine	16.356	200	405255	40.712	ng/ul	100
71) Pentachlorophenol	16.527	266	310367	45.781	ng/ul	99
72) Phenanthrene	16.898	178	3299021	54.031	ng/ul	99
74) Anthracene	16.986	178	2604013	42.698	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.892	216	800870	44.563	ng/ul	99
76) Pentachlorobenzene	14.427	250	700826	41.694	ng/ul	98
77) Carbazole	17.274	167	2216574	42.595	ng/ul	99
78) Di-n-butylphthalate	17.845	149	3189093	46.601	ng/ul	99
80) Fluoranthene	18.915	202	4229374	68.302	ng/ul	99
82) Pyrene	19.280	202	3633176	57.107	ng/ul	99
83) Butylbenzylphthalate	20.209	149	1332871	51.406	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.997	252	307879	18.977	ng/ul	100
85) Benzo(a)anthracene	21.050	228	3080678	54.322	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.997	149	1996140	51.817	ng/ul	99
87) Chrysene	21.109	228	2954197	56.310	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	3261010	44.314	ng/ul	100
90) Benzo(b)fluoranthene	22.944	252	3198508	54.090	ng/ul	100
91) Benzo(k)fluoranthene	22.997	252	2719659	47.088	ng/ul	98
93) Benzo(a)pyrene	23.662	252	1576087	30.332	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.797	276	2440379	43.006	ng/ul	99
95) Dibenzo(a,h)anthracene	26.850	278	2212256	49.291	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	274788	5.498	ng/ul	98

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

