

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045838.D
 Acq On : 05 Jun 2024 05:44
 Operator : MA/JU
 Sample : P2586-06MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18MS

Quant Time: Jun 05 06:17:56 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	262413	20.000	ng/u1	0.00
20) Naphthalene-d8	10.228	136	1051450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	588478	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1083009	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	803255	20.000	ng/u1	0.00
88) Perylene-d12	23.785	264	928253	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	34737	5.132	ng/uL	0.00
4) Pyridine-d5	3.463	84	233182	13.380	ng/u1	0.00
7) Phenol-d5	6.716	99	714053	32.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	513195	32.059	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	592654	35.591	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	517767	30.742	ng/u1	0.00
21) Nitrobenzene-d5	8.622	128	295958	36.001	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.339	143	316203	38.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	561078	35.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.410	131	356507	16.510	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	1458876	35.809	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1674426	35.394	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	294174	33.458	ng/u1	0.00
60) Fluorene-d10	15.104	176	1188170	34.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	157575	28.493	ng/u1	0.00
73) Anthracene-d10	16.951	188	1664476	35.353	ng/u1	0.00
81) Pyrene-d10	19.250	212	1656760	33.166	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	1124385	25.917	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	106416	14.205	ng/uL	92
5) Pyridine	3.475	79	542403	30.306	ng/u1	92
6) Benzaldehyde	6.634	77	602475	57.459	ng/u1	99
8) Phenol	6.745	94	982688	42.505	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.916	93	764143	39.598	ng/u1	98
12) 2-Chlorophenol	7.057	128	756537	43.125	ng/u1	99
13) 2-Methylphenol	7.963	108	718717	42.454	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.998	45	1558943	41.016	ng/u1	100
16) Acetophenone	8.298	105	1159512	41.309	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.286	70	625916	40.353	ng/u1	96
18) 4-Methylphenol	8.292	108	758898	43.322	ng/u1	98
19) Hexachloroethane	8.528	117	303063	35.968	ng/u1	99
22) Nitrobenzene	8.669	77	968461	42.093	ng/u1	98
23) Isophorone	9.192	82	1754941	43.168	ng/u1	99
25) 2-Nitrophenol	9.369	139	423103	46.520	ng/u1	96
26) 2,4-Dimethylphenol	9.469	107	781414	42.351	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.675	93	1008317	40.853	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	709016	45.611	ng/u1	98
30) Naphthalene	10.275	128	2376393	42.384	ng/u1	99
32) 4-Chloroaniline	10.433	127	503235	23.841	ng/u1	96
33) Hexachlorobutadiene	10.569	225	453339	42.572	ng/u1	99
34) Caprolactam	11.251	113	206172	47.091	ng/u1	94
35) 4-Chloro-3-methylphenol	11.586	107	748863	44.404	ng/u1	99
36) 2-Methylnaphthalene	11.898	142	1544283	41.588	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.122	142	1553287	41.839	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.269	216	785218	44.552	ng/ul	97
40) Hexachlorocyclopentadiene	12.263	237	263571	24.641	ng/ul	99
41) 2,4,6-Trichlorophenol	12.545	196	515611	50.284	ng/ul	98
42) 2,4,5-Trichlorophenol	12.633	196	534792	48.061	ng/ul	98
43) 1,1'-Biphenyl	12.939	154	1918170	43.933	ng/ul	99
44) 2-Chloronaphthalene	12.969	162	1473601	43.070	ng/ul	99
45) 2-Nitroaniline	13.216	65	571589	48.924	ng/ul	100
47) Dimethylphthalate	13.604	163	1829407	44.223	ng/ul	100
48) 2,6-Dinitrotoluene	13.710	165	371191	46.642	ng/ul	100
50) Acenaphthylene	13.827	152	2408292	43.984	ng/ul	99
51) 3-Nitroaniline	14.057	138	329391	45.075	ng/ul	96
52) Acenaphthene	14.168	153	1553958	42.530	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	130848	36.111	ng/ul	98
55) 4-Nitrophenol	14.421	109	332477	45.834	ng/ul	95
56) Dibenzofuran	14.510	168	2118414	42.994	ng/ul	99
57) 2,4-Dinitrotoluene	14.498	165	516746	46.934	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.757	232	416116	49.493	ng/ul	94
59) Diethylphthalate	14.968	149	1853766	44.753	ng/ul	99
61) Fluorene	15.163	166	1718585	43.288	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.168	204	824469	41.839	ng/ul	98
63) 4-Nitroaniline	15.233	138	327928	54.042	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.257	198	218157	35.941	ng/ul	92
67) N-Nitrosodiphenylamine	15.386	169	1406960	45.843	ng/ul	99
68) 4-Bromophenyl-phenylether	16.057	248	494264	43.773	ng/ul	99
69) Hexachlorobenzene	16.162	284	467681	37.453	ng/ul	95
70) Atrazine	16.357	200	401425	43.149	ng/ul	99
71) Pentachlorophenol	16.527	266	302708	47.776	ng/ul	98
72) Phenanthrene	16.898	178	3257751	57.088	ng/ul	99
74) Anthracene	16.986	178	2560126	44.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.892	216	746906	44.469	ng/ul	99
76) Pentachlorobenzene	14.427	250	674422	42.930	ng/ul	99
77) Carbazole	17.274	167	2198600	45.206	ng/ul	99
78) Di-n-butylphthalate	17.845	149	3141791	49.122	ng/ul	100
80) Fluoranthene	18.915	202	4269555	70.503	ng/ul	98
82) Pyrene	19.280	202	3665585	58.914	ng/ul	100
83) Butylbenzylphthalate	20.209	149	1365950	53.868	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.997	252	287811	18.140	ng/ul	99
85) Benzo(a)anthracene	21.050	228	3137472	56.569	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.997	149	2028156	53.833	ng/ul	99
87) Chrysene	21.109	228	3009504	58.655	ng/ul	99
89) Di-n-octyl phthalate	22.027	149	3351689	47.213	ng/ul	100
90) Benzo(b)fluoranthene	22.938	252	3320908	58.215	ng/ul	99
91) Benzo(k)fluoranthene	22.997	252	2725834	48.922	ng/ul	98
93) Benzo(a)pyrene	23.656	252	1595091	31.821	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.797	276	2454193	44.832	ng/ul	99
95) Dibenzo(a,h)anthracene	26.844	278	2230169	51.509	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	282042	5.850	ng/ul	98

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

