

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048306.D
 Acq On : 30 Oct 2024 03:13
 Operator : RC/JU
 Sample : PB164417BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS417

Quant Time: Oct 30 03:55:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:39:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	169055	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	704343	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	432192	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	819874	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	707439	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	759193	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	33227	7.738	ng/uL	0.00
4) Pyridine-d5	3.581	84	483023	38.808	ng/u1	0.00
7) Phenol-d5	6.893	99	573823	39.510	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	343239	38.151	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.251	132	484127	40.989	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	449504	38.549	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	226718	39.261	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.592	143	250846	40.098	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	457074	40.039	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	544093	34.325	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1207521	37.386	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	1413267	38.808	ng/u1	0.00
54) 4-Nitrophenol-d4	14.574	143	212611	35.996	ng/u1	0.00
60) Fluorene-d10	15.351	176	1027072	37.634	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	194206	35.843	ng/u1	0.00
73) Anthracene-d10	17.198	188	1516087	39.106	ng/u1	-0.01
81) Pyrene-d10	19.492	212	1659953	38.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1598933	39.930	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	70097	15.442	ng/uL	93
5) Pyridine	3.599	79	502486	39.392	ng/u1	98
6) Benzaldehyde	6.857	77	48562	6.756	ng/u1	95
8) Phenol	6.922	94	605226	40.013	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.140	93	465082	38.488	ng/u1	99
12) 2-Chlorophenol	7.281	128	502879	41.470	ng/u1	100
13) 2-Methylphenol	8.163	108	449284	39.485	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	720520	39.013	ng/u1	99
16) Acetophenone	8.540	105	707818	38.541	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.528	70	360505	38.273	ng/u1	99
18) 4-Methylphenol	8.492	108	497274	39.597	ng/u1	98
19) Hexachloroethane	8.787	117	202914	39.695	ng/u1	97
22) Nitrobenzene	8.916	77	526882	39.265	ng/u1	100
23) Isophorone	9.445	82	982767	37.793	ng/u1	99
25) 2-Nitrophenol	9.622	139	274014	39.961	ng/u1	99
26) 2,4-Dimethylphenol	9.692	107	454003	36.066	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	616572	38.230	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	466990	39.979	ng/u1	99
30) Naphthalene	10.551	128	1522984	38.714	ng/u1	99
32) 4-Chloroaniline	10.669	127	306768	19.973	ng/u1	98
33) Hexachlorobutadiene	10.839	225	300496	38.606	ng/u1	100
34) Caprolactam	11.451	113	130650	35.070	ng/u1	96
35) 4-Chloro-3-methylphenol	11.804	107	444986	37.861	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	1014886	38.273	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1004203	37.332	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	536676	39.222	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	269388	32.890	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	350517	39.687	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	376933	40.407	ng/ul	99
43) 1,1'-Biphenyl	13.186	154	1292830	39.002	ng/ul	100
44) 2-Chloronaphthalene	13.227	162	1010842	39.353	ng/ul	98
45) 2-Nitroaniline	13.439	65	276904	38.951	ng/ul	96
47) Dimethylphthalate	13.816	163	1211962	37.415	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	246090	39.072	ng/ul	95
50) Acenaphthylene	14.080	152	1557683	39.158	ng/ul	99
51) 3-Nitroaniline	14.269	138	226934	34.229	ng/ul	97
52) Acenaphthene	14.421	153	1082169	38.338	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	133972	31.274	ng/ul	96
55) 4-Nitrophenol	14.592	109	155977	36.175	ng/ul	97
56) Dibenzofuran	14.757	168	1477620	38.050	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	350648	38.081	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.986	232	302513	37.824	ng/ul	94
59) Diethylphthalate	15.186	149	1221362	37.478	ng/ul	99
61) Fluorene	15.410	166	1171136	37.873	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	589729	37.989	ng/ul	98
63) 4-Nitroaniline	15.433	138	262296	43.693	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	212378	36.563	ng/ul	93
67) N-Nitrosodiphenylamine	15.616	169	974596	39.814	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	354818	39.666	ng/ul	98
69) Hexachlorobenzene	16.410	284	415838	38.853	ng/ul	99
70) Atrazine	16.568	200	337372	40.254	ng/ul	99
71) Pentachlorophenol	16.757	266	263577	38.922	ng/ul	97
72) Phenanthrene	17.145	178	1759550	38.758	ng/ul	99
74) Anthracene	17.233	178	1779875	39.169	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	520169	40.090	ng/uL	99
76) Pentachlorobenzene	14.680	250	503376	38.122	ng/uL	99
77) Carbazole	17.504	167	1596845	40.023	ng/ul	99
78) Di-n-butylphthalate	18.068	149	2067182	39.427	ng/ul	100
80) Fluoranthene	19.156	202	1963515	39.308	ng/ul	99
82) Pyrene	19.521	202	2076124	38.764	ng/ul	100
83) Butylbenzylphthalate	20.415	149	889687	40.198	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	552865	35.817	ng/ul	99
85) Benzo(a)anthracene	21.303	228	1966583	38.547	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1332735	41.788	ng/ul	98
87) Chrysene	21.362	228	1870876	38.998	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2215853	39.013	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1937371	39.988	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	1903188	39.234	ng/ul	100
93) Benzo(a)pyrene	24.127	252	1772338	40.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.579	276	2248495	42.360	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	1859597	42.836	ng/ul	99
96) Benzo(g,h,i)perylene	28.609	276	1751891	43.008	ng/ul	98

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

