

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
 Data File : BM048544.D
 Acq On : 09 Nov 2024 00:11
 Operator : RC/JU
 Sample : PB164804BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS804

Quant Time: Nov 09 00:53:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	150058	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	611142	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	374938	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	759920	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	746459	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	848094	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	22275	5.918	ng/uL	0.00
4) Pyridine-d5	3.540	84	312335	30.109	ng/u1	0.00
7) Phenol-d5	6.846	99	366883	32.118	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	209446	30.526	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	303352	32.059	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	281905	31.386	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	140666	31.757	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	151096	32.070	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	280728	32.074	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	360719	29.015	ng/u1	0.00
46) Dimethylphthalate-d6	13.727	166	753240	31.471	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	875669	31.032	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	147225	33.119	ng/u1	0.00
60) Fluorene-d10	15.304	176	645544	30.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	121018	31.656	ng/u1	0.00
73) Anthracene-d10	17.157	188	1018226	31.663	ng/u1	0.00
81) Pyrene-d10	19.451	212	1212714	32.372	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.997	264	1283156	32.382	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	45557	11.028	ng/uL	96
5) Pyridine	3.557	79	314748	29.557	ng/u1	99
6) Benzaldehyde	6.810	77	19976	3.539	ng/u1	98
8) Phenol	6.869	94	372234	31.058	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.093	93	277665	29.480	ng/u1	98
12) 2-Chlorophenol	7.228	128	304834	31.096	ng/u1	99
13) 2-Methylphenol	8.116	108	273218	30.796	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	415214	29.978	ng/u1	99
16) Acetophenone	8.487	105	421532	30.108	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	203912	30.991	ng/u1	100
18) 4-Methylphenol	8.445	108	298288	30.706	ng/u1	98
19) Hexachloroethane	8.734	117	122621	29.600	ng/u1	99
22) Nitrobenzene	8.863	77	312022	31.067	ng/u1	96
23) Isophorone	9.387	82	567672	30.557	ng/u1	99
25) 2-Nitrophenol	9.569	139	158909	30.949	ng/u1	96
26) 2,4-Dimethylphenol	9.639	107	281922	29.396	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	354137	30.539	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	272568	30.701	ng/u1	97
30) Naphthalene	10.498	128	908256	29.362	ng/u1	99
32) 4-Chloroaniline	10.616	127	197358	16.836	ng/u1	97
33) Hexachlorobutadiene	10.786	225	175597	29.227	ng/u1	99
34) Caprolactam	11.398	113	85036	30.390	ng/u1	93
35) 4-Chloro-3-methylphenol	11.757	107	269171	31.332	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	594850	30.055	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	585589	28.830	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	314184	29.242	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	147719	26.898	ng/ul	98
41) 2,4,6-Trichlorophenol	12.739	196	205553	30.288	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	220809	30.552	ng/ul	99
43) 1,1'-Biphenyl	13.139	154	745603	29.083	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	598091	29.564	ng/ul	99
45) 2-Nitroaniline	13.398	65	166003	32.676	ng/ul	99
47) Dimethylphthalate	13.774	163	724539	30.136	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	144500	31.528	ng/ul	99
50) Acenaphthylene	14.033	152	930192	29.906	ng/ul	100
51) 3-Nitroaniline	14.227	138	150869	30.312	ng/ul	97
52) Acenaphthene	14.374	153	651153	29.736	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	72508	29.423	ng/ul	97
55) 4-Nitrophenol	14.545	109	101581	31.607	ng/ul	98
56) Dibenzofuran	14.710	168	891904	29.525	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	218883	32.855	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.945	232	188198	31.304	ng/ul	99
59) Diethylphthalate	15.139	149	727615	30.718	ng/ul	99
61) Fluorene	15.363	166	716313	29.950	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	348017	29.536	ng/ul	99
63) 4-Nitroaniline	15.392	138	169338	34.551	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.457	198	129854	31.214	ng/ul#	93
67) N-Nitrosodiphenylamine	15.574	169	604921	30.203	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	212232	29.613	ng/ul	94
69) Hexachlorobenzene	16.368	284	261014	30.177	ng/ul	96
70) Atrazine	16.527	200	211893	29.068	ng/ul	98
71) Pentachlorophenol	16.715	266	171960	31.281	ng/ul	99
72) Phenanthrene	17.098	178	1147180	30.438	ng/ul	99
74) Anthracene	17.192	178	1166373	30.837	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	304993	28.134	ng/uL	98
76) Pentachlorobenzene	14.633	250	302923	28.680	ng/uL	99
77) Carbazole	17.468	167	1097629	32.218	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1272894	31.779	ng/ul	99
80) Fluoranthene	19.121	202	1363153	31.361	ng/ul	99
82) Pyrene	19.480	202	1479775	31.397	ng/ul	100
83) Butylbenzylphthalate	20.386	149	593913	32.805	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	442718	32.643	ng/ul	99
85) Benzo(a)anthracene	21.268	228	1469920	31.238	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	852404	32.275	ng/ul	100
87) Chrysene	21.327	228	1393183	30.811	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1474056	30.832	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1454831	31.162	ng/ul	100
91) Benzo(k)fluoranthene	23.333	252	1480413	31.804	ng/ul	99
93) Benzo(a)pyrene	24.056	252	1372826	31.276	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.468	276	1773840	31.096	ng/ul	98
95) Dibenzo(a,h)anthracene	27.521	278	1452366	31.172	ng/ul	100
96) Benzo(g,h,i)perylene	28.485	276	1380433	30.864	ng/ul	99

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

