

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044433.D
 Acq On : 29 Feb 2024 11:10
 Operator : MA/JU
 Sample : P1512-04MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EOS96MS

Quant Time: Feb 29 11:41:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	186899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	825355	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	475985	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	971587	20.000	ng/u1	0.00
79) Chrysene-d12	21.538	240	798469	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	856937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	26744	4.515	ng/uL	0.00
4) Pyridine-d5	3.787	84	457871	28.303	ng/u1	0.00
7) Phenol-d5	7.116	99	664934	37.138	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	391092	33.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	497579	36.899	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	532639	39.317	ng/u1	0.00
21) Nitrobenzene-d5	9.127	128	265325	39.537	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	293764	42.906	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	525492	43.510	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	723809	35.684	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	1572247	42.829	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1850788	43.820	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	252295	34.538	ng/u1	0.00
60) Fluorene-d10	15.586	176	1352672	43.534	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	197691	32.793	ng/u1	0.00
73) Anthracene-d10	17.439	188	2007528	43.334	ng/u1	0.00
81) Pyrene-d10	19.739	212	2252042	46.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	2001327	45.578	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	55344	8.864	ng/uL	96
5) Pyridine	3.804	79	474715	28.049	ng/u1	99
6) Benzaldehyde	7.098	77	167984	21.614	ng/u1	98
8) Phenol	7.145	94	693308	37.253	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.386	93	513632	32.972	ng/u1	98
12) 2-Chlorophenol	7.510	128	495483	35.516	ng/u1	97
13) 2-Methylphenol	8.398	108	508717	37.102	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.486	45	711677	33.414	ng/u1	97
16) Acetophenone	8.786	105	831276	38.407	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	441626	40.732	ng/u1	99
18) 4-Methylphenol	8.733	108	567371	38.846	ng/u1	100
19) Hexachloroethane	9.022	117	180946	30.574	ng/u1	98
22) Nitrobenzene	9.169	77	614509	37.864	ng/u1	97
23) Isophorone	9.698	82	1281482	40.741	ng/u1	98
25) 2-Nitrophenol	9.874	139	312406	41.141	ng/u1	96
26) 2,4-Dimethylphenol	9.939	107	432657	29.840	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.186	93	804756	39.356	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	507787	41.543	ng/u1	99
30) Naphthalene	10.810	128	1776827	37.853	ng/u1	99
32) 4-Chloroaniline	10.933	127	565188	28.594	ng/u1	99
33) Hexachlorobutadiene	11.086	225	263760	35.818	ng/u1	98
34) Caprolactam	11.721	113	177519	42.014	ng/u1	97
35) 4-Chloro-3-methylphenol	12.057	107	577472	44.345	ng/u1	99
36) 2-Methylnaphthalene	12.421	142	1219071	40.773	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1202045	40.669	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	570189	40.466	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	231777	24.449	ng/ul	100
41) 2,4,6-Trichlorophenol	13.027	196	383121	42.657	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	423297	43.597	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	1574129	40.622	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	1241626	40.921	ng/ul	100
45) 2-Nitroaniline	13.686	65	381310	45.391	ng/ul	96
47) Dimethylphthalate	14.068	163	1554284	41.426	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	315983	45.034	ng/ul	94
50) Acenaphthylene	14.315	152	2076960	41.516	ng/ul	99
51) 3-Nitroaniline	14.515	138	318456	43.021	ng/ul	96
52) Acenaphthene	14.657	153	1353707	40.988	ng/ul	100
53) 2,4-Dinitrophenol	14.721	184	160984	36.974	ng/ul	96
55) 4-Nitrophenol	14.815	109	205152	40.881	ng/ul	96
56) Dibenzofuran	14.992	168	1818947	41.026	ng/ul	99
57) 2,4-Dinitrotoluene	14.968	165	454658	45.104	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.215	232	325041	41.598	ng/ul	99
59) Diethylphthalate	15.427	149	1619117	41.923	ng/ul	100
61) Fluorene	15.645	166	1474298	41.402	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	703130	41.898	ng/ul	98
63) 4-Nitroaniline	15.674	138	329064	45.962	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.727	198	256711	38.927	ng/ul	97
67) N-Nitrosodiphenylamine	15.856	169	1248435	42.401	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	420866	43.598	ng/ul	95
69) Hexachlorobenzene	16.633	284	470792	42.610	ng/ul	99
70) Atrazine	16.815	200	266423	27.623	ng/ul	99
71) Pentachlorophenol	16.986	266	279353	38.366	ng/ul	99
72) Phenanthrene	17.386	178	2306862	41.389	ng/ul	100
74) Anthracene	17.474	178	2300474	40.994	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	578101	42.506	ng/ul	99
76) Pentachlorobenzene	14.904	250	551178	42.452	ng/ul	98
77) Carbazole	17.756	167	2169599	41.116	ng/ul	100
78) Di-n-butylphthalate	18.327	149	3040609	45.511	ng/ul	100
80) Fluoranthene	19.403	202	2585303	44.874	ng/ul	98
82) Pyrene	19.768	202	2664387	44.098	ng/ul	98
83) Butylbenzylphthalate	20.686	149	1334425	49.172	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	661723	37.050	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2530811	42.498	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	2052553	49.402	ng/ul	100
87) Chrysene	21.574	228	2353154	42.037	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3561266	48.505	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2481489	45.170	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	2394819	42.443	ng/ul	100
93) Benzo(a)pyrene	23.856	252	2284126	43.124	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.503	276	2731977	42.652	ng/ul	99
95) Dibenzo(a,h)anthracene	26.526	278	2297938	42.931	ng/ul	99
96) Benzo(g,h,i)perylene	27.273	276	2209073	42.636	ng/ul	97

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

