

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048136.D
 Acq On : 18 Oct 2024 15:22
 Operator : RC/JU
 Sample : PB164048BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS048

Quant Time: Oct 18 15:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	260717	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	1024420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	605356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1163886	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1028539	20.000	ng/u1	0.00
88) Perylene-d12	24.350	264	1157344	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	37194	5.417	ng/uL	0.00
4) Pyridine-d5	3.646	84	526086	28.477	ng/u1	0.00
7) Phenol-d5	6.945	99	619680	29.343	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	373868	29.803	ng/u1	0.00
11) 2-Chlorophenol-d4	7.304	132	538309	29.470	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	484169	29.456	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	251529	29.096	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	279046	29.170	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	494915	29.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	613453	27.819	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1316556	29.944	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1545310	29.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.621	143	240461	29.589	ng/u1	0.00
60) Fluorene-d10	15.398	176	1118246	29.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	225509	29.956	ng/u1	0.00
73) Anthracene-d10	17.245	188	1658349	30.043	ng/u1	0.00
81) Pyrene-d10	19.533	212	1873916	29.816	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.150	264	1909005	30.882	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	76698	10.667	ng/uL	94
5) Pyridine	3.669	79	518734	27.480	ng/u1	96
6) Benzaldehyde	6.910	77	287863	29.455	ng/u1	99
8) Phenol	6.975	94	632818	29.131	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.192	93	506751	29.066	ng/u1	99
12) 2-Chlorophenol	7.340	128	540560	29.370	ng/u1	98
13) 2-Methylphenol	8.216	108	477488	29.058	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	738025	29.987	ng/u1	98
16) Acetophenone	8.592	105	762572	30.253	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.575	70	355303	29.771	ng/u1	98
18) 4-Methylphenol	8.545	108	518282	29.315	ng/u1	99
19) Hexachloroethane	8.845	117	226834	28.992	ng/u1	99
22) Nitrobenzene	8.969	77	542226	28.987	ng/u1	99
23) Isophorone	9.492	82	1036887	28.985	ng/u1	98
25) 2-Nitrophenol	9.675	139	293891	28.810	ng/u1	99
26) 2,4-Dimethylphenol	9.739	107	464266	26.126	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.969	93	644881	28.773	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	486075	28.802	ng/u1	99
30) Naphthalene	10.610	128	1622581	28.653	ng/u1	100
32) 4-Chloroaniline	10.722	127	471006	22.150	ng/u1	99
33) Hexachlorobutadiene	10.892	225	316204	28.346	ng/u1	99
34) Caprolactam	11.504	113	147795	28.313	ng/u1	96
35) 4-Chloro-3-methylphenol	11.857	107	476659	29.381	ng/u1	99
36) 2-Methylnaphthalene	12.222	142	1060780	28.782	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	1054963	28.422	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.592	216	565903	28.692	ng/ul	99
40) Hexachlorocyclopentadiene	12.574	237	309024	27.999	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	360825	27.818	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	389506	28.516	ng/ul	97
43) 1,1'-Biphenyl	13.239	154	1367498	29.250	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	1070936	28.888	ng/ul	99
45) 2-Nitroaniline	13.486	65	290613	30.161	ng/ul	98
47) Dimethylphthalate	13.863	163	1301565	29.439	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	265885	30.281	ng/ul	99
50) Acenaphthylene	14.127	152	1676861	29.651	ng/ul	99
51) 3-Nitroaniline	14.316	138	265625	29.002	ng/ul	95
52) Acenaphthene	14.468	153	1121297	28.657	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	161654	27.903	ng/ul	97
55) 4-Nitrophenol	14.633	109	164610	29.114	ng/ul	97
56) Dibenzofuran	14.804	168	1571321	29.352	ng/ul	100
57) 2,4-Dinitrotoluene	14.774	165	386263	30.967	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.033	232	310264	28.158	ng/ul#	98
59) Diethylphthalate	15.227	149	1294770	29.530	ng/ul	99
61) Fluorene	15.451	166	1237618	29.580	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.445	204	617284	29.665	ng/ul	99
63) 4-Nitroaniline	15.474	138	280712	35.389	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.539	198	243846	30.112	ng/ul	97
67) N-Nitrosodiphenylamine	15.663	169	1053760	30.106	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	375747	29.757	ng/ul	97
69) Hexachlorobenzene	16.457	284	443157	29.695	ng/ul	100
70) Atrazine	16.610	200	239031	20.349	ng/ul	97
71) Pentachlorophenol	16.804	266	259555	26.976	ng/ul	98
72) Phenanthrene	17.186	178	1907583	29.962	ng/ul	99
74) Anthracene	17.280	178	1918652	30.031	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	546058	27.909	ng/ul	98
76) Pentachlorobenzene	14.727	250	524668	27.539	ng/ul	97
77) Carbazole	17.551	167	1752142	30.961	ng/ul	100
78) Di-n-butylphthalate	18.109	149	2234114	29.973	ng/ul	99
80) Fluoranthene	19.198	202	2161407	29.557	ng/ul	99
82) Pyrene	19.562	202	2295657	29.470	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1003617	29.657	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	699904	30.511	ng/ul	100
85) Benzo(a)anthracene	21.350	228	2209493	29.544	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	1442483	29.487	ng/ul	100
87) Chrysene	21.415	228	2066921	29.328	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	2537902	30.391	ng/ul	100
90) Benzo(b)fluoranthene	23.409	252	2200619	30.187	ng/ul	99
91) Benzo(k)fluoranthene	23.468	252	2239738	30.849	ng/ul	99
93) Benzo(a)pyrene	24.215	252	2012842	29.661	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.721	276	2639334	30.000	ng/ul	100
95) Dibenzo(a,h)anthracene	27.768	278	2167814	30.498	ng/ul	99
96) Benzo(g,h,i)perylene	28.762	276	2068082	30.205	ng/ul	98

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

