

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048346.D
 Acq On : 31 Oct 2024 06:46
 Operator : RC/JU
 Sample : PB164446BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS446

Quant Time: Oct 31 11:22:17 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	7.710	152	260735	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	1083386	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.357	164	646632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1222166	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	1018174	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	1088682	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	34515	5.212	ng/uL	0.00
4) Pyridine-d5	3.581	84	521851	27.185	ng/u1	0.00
7) Phenol-d5	6.893	99	623601	27.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	371603	26.781	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.246	132	530253	29.109	ng/u1	-0.01
15) 4-Methylphenol-d8	8.428	113	489310	27.208	ng/u1	-0.01
21) Nitrobenzene-d5	8.869	128	246645	27.768	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	271030	28.167	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.128	165	493688	28.116	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.639	131	590401	24.215	ng/u1	-0.01
46) Dimethylphthalate-d6	13.769	166	1275719	26.399	ng/u1	-0.01
49) Acenaphthylene-d8	14.045	160	1486484	27.282	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.574	143	223861	25.332	ng/u1	0.00
60) Fluorene-d10	15.351	176	1074515	26.315	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	205935	25.497	ng/u1	0.00
73) Anthracene-d10	17.198	188	1571908	27.200	ng/u1	-0.01
81) Pyrene-d10	19.486	212	1717251	27.794	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.062	264	1607643	27.997	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	74371	10.623	ng/uL	97
5) Pyridine	3.599	79	536418	27.266	ng/u1	98
6) Benzaldehyde	6.857	77	47153	4.253	ng/u1	98
8) Phenol	6.916	94	670354	28.736	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.140	93	512174	27.481	ng/u1	99
12) 2-Chlorophenol	7.281	128	557572	29.813	ng/u1	98
13) 2-Methylphenol	8.163	108	494137	28.157	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	786767	27.621	ng/u1	100
16) Acetophenone	8.534	105	778039	27.468	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	385891	26.563	ng/u1	99
18) 4-Methylphenol	8.493	108	544380	28.106	ng/u1	94
19) Hexachloroethane	8.787	117	222639	28.239	ng/u1	99
22) Nitrobenzene	8.910	77	577072	27.959	ng/u1	98
23) Isophorone	9.440	82	1061762	26.546	ng/u1	98
25) 2-Nitrophenol	9.622	139	301480	28.584	ng/u1	99
26) 2,4-Dimethylphenol	9.687	107	509515	26.315	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	678927	27.368	ng/u1	100
29) 2,4-Dichlorophenol	10.157	162	505872	28.156	ng/u1	99
30) Naphthalene	10.551	128	1674950	27.681	ng/u1	100
32) 4-Chloroaniline	10.663	127	330474	13.989	ng/u1	98
33) Hexachlorobutadiene	10.834	225	331889	27.721	ng/u1	100
34) Caprolactam	11.451	113	139030	24.262	ng/u1	97
35) 4-Chloro-3-methylphenol	11.804	107	477679	26.423	ng/u1	95
36) 2-Methylnaphthalene	12.169	142	1095743	26.865	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	1079179	26.083	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.539	216	584085	28.531	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	289751	23.644	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	378570	28.649	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	405482	29.052	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1398455	28.198	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	1087255	28.291	ng/ul	99
45) 2-Nitroaniline	13.439	65	296162	27.845	ng/ul	97
47) Dimethylphthalate	13.816	163	1295603	26.733	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	263521	27.965	ng/ul	98
50) Acenaphthylene	14.075	152	1660274	27.896	ng/ul	99
51) 3-Nitroaniline	14.269	138	249619	25.165	ng/ul	99
52) Acenaphthene	14.416	153	1158148	27.423	ng/ul	100
53) 2,4-Dinitrophenol	14.480	184	143592	22.404	ng/ul	94
55) 4-Nitrophenol	14.586	109	159267	24.689	ng/ul	96
56) Dibenzofuran	14.757	168	1587526	27.323	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	375844	27.281	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.986	232	322481	26.949	ng/ul	98
59) Diethylphthalate	15.180	149	1298572	26.633	ng/ul	100
61) Fluorene	15.404	166	1241653	26.837	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	627674	27.025	ng/ul	99
63) 4-Nitroaniline	15.433	138	270051	30.067	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	228222	26.358	ng/ul	97
67) N-Nitrosodiphenylamine	15.616	169	1023412	28.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	378061	28.353	ng/ul	98
69) Hexachlorobenzene	16.410	284	443513	27.799	ng/ul	97
70) Atrazine	16.568	200	356638	28.546	ng/ul	99
71) Pentachlorophenol	16.757	266	280846	27.821	ng/ul	97
72) Phenanthrene	17.139	178	1865197	27.561	ng/ul	100
74) Anthracene	17.233	178	1870484	27.614	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	567793	29.356	ng/ul	98
76) Pentachlorobenzene	14.674	250	540160	27.443	ng/ul	99
77) Carbazole	17.504	167	1668321	28.050	ng/ul	100
78) Di-n-butylphthalate	18.068	149	2201902	28.173	ng/ul	100
80) Fluoranthene	19.157	202	2047137	28.475	ng/ul	99
82) Pyrene	19.521	202	2175650	28.225	ng/ul	99
83) Butylbenzylphthalate	20.415	149	931300	29.237	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	600536	27.032	ng/ul	99
85) Benzo(a)anthracene	21.303	228	2022634	27.546	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1352786	29.472	ng/ul	98
87) Chrysene	21.368	228	1916571	27.758	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2238915	27.489	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1920457	27.642	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	1984729	28.532	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1810771	28.650	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.574	276	2281699	29.976	ng/ul	98
95) Dibenzo(a,h)anthracene	27.627	278	1893111	30.410	ng/ul	100
96) Benzo(g,h,i)perylene	28.609	276	1760458	30.138	ng/ul	99

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

