

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
 Data File : BM048243.D
 Acq On : 26 Oct 2024 11:53
 Operator : RC/JU
 Sample : SSTD02050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020036

Quant Time: Oct 27 23:18:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:07:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	227528	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	968895	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	640093	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.109	188	1297641	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1103255	20.000	ng/u1	0.00
88) Perylene-d12	24.285	264	1106744	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	47645	7.951	ng/uL	0.00
4) Pyridine-d5	3.587	84	339855	21.080	ng/u1	0.00
7) Phenol-d5	6.898	99	388208	21.064	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	249329	22.775	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	329693	20.682	ng/u1	0.00
15) 4-Methylphenol-d8	8.439	113	315710	22.009	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	163553	20.004	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	177893	19.662	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	325879	20.451	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	447378	21.451	ng/u1	0.00
46) Dimethylphthalate-d6	13.780	166	977659	21.029	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1109064	20.064	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	178055	20.721	ng/u1	0.00
60) Fluorene-d10	15.357	176	832968	20.986	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	170553	20.320	ng/u1	0.00
73) Anthracene-d10	17.209	188	1272399	20.675	ng/u1	0.00
81) Pyrene-d10	19.497	212	1420595	21.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1193279	20.186	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	49556	7.897	ng/uL	100
5) Pyridine	3.610	79	350350	21.267	ng/u1	100
6) Benzaldehyde	6.863	77	216351	25.367	ng/u1	100
8) Phenol	6.928	94	410355	21.646	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.145	93	330268	21.706	ng/u1	100
12) 2-Chlorophenol	7.287	128	337364	21.004	ng/u1	100
13) 2-Methylphenol	8.175	108	311305	21.708	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.239	45	522048	24.306	ng/u1	100
16) Acetophenone	8.545	105	528924	24.045	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.533	70	269873	25.911	ng/u1	100
18) 4-Methylphenol	8.498	108	346607	22.465	ng/u1	100
19) Hexachloroethane	8.798	117	142304	20.841	ng/u1	100
22) Nitrobenzene	8.922	77	381193	21.546	ng/u1	100
23) Isophorone	9.451	82	746126	22.052	ng/u1	100
25) 2-Nitrophenol	9.633	139	196374	20.354	ng/u1	100
26) 2,4-Dimethylphenol	9.698	107	362590	21.574	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.928	93	456231	21.523	ng/u1	100
29) 2,4-Dichlorophenol	10.169	162	332565	20.835	ng/u1	100
30) Naphthalene	10.563	128	1107258	20.674	ng/u1	100
32) 4-Chloroaniline	10.675	127	438329	21.794	ng/u1	100
33) Hexachlorobutadiene	10.845	225	217063	20.574	ng/u1	100
34) Caprolactam	11.457	113	103491	20.962	ng/u1	100
35) 4-Chloro-3-methylphenol	11.816	107	340147	22.168	ng/u1	100
36) 2-Methylnaphthalene	12.180	142	754254	21.638	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	764862	21.787	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	410036	19.661	ng/ul	100
40) Hexachlorocyclopentadiene	12.527	237	239729	20.541	ng/ul	100
41) 2,4,6-Trichlorophenol	12.798	196	267250	19.486	ng/ul	100
42) 2,4,5-Trichlorophenol	12.874	196	289385	20.036	ng/ul	100
43) 1,1'-Biphenyl	13.198	154	1000415	20.237	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	772062	19.696	ng/ul	100
45) 2-Nitroaniline	13.451	65	216417	21.242	ng/ul	100
47) Dimethylphthalate	13.827	163	984380	21.056	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	192321	20.714	ng/ul	100
50) Acenaphthylene	14.086	152	1221666	20.429	ng/ul	100
51) 3-Nitroaniline	14.274	138	194792	20.114	ng/ul	100
52) Acenaphthene	14.427	153	853277	20.624	ng/ul	100
53) 2,4-Dinitrophenol	14.486	184	119152	19.451	ng/ul	100
55) 4-Nitrophenol	14.598	109	130490	21.827	ng/ul	100
56) Dibenzofuran	14.762	168	1190687	21.035	ng/ul	100
57) 2,4-Dinitrotoluene	14.739	165	287398	21.790	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.998	232	247188	21.216	ng/ul	100
59) Diethylphthalate	15.192	149	998164	21.530	ng/ul	100
61) Fluorene	15.415	166	957625	21.646	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	482763	21.942	ng/ul	100
63) 4-Nitroaniline	15.439	138	188664	22.494	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.504	198	187206	20.735	ng/ul	100
67) N-Nitrosodiphenylamine	15.621	169	808297	20.713	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	290816	20.657	ng/ul	100
69) Hexachlorobenzene	16.415	284	346716	20.838	ng/ul	100
70) Atrazine	16.580	200	278425	21.259	ng/ul	100
71) Pentachlorophenol	16.762	266	216182	20.152	ng/ul	100
72) Phenanthrene	17.151	178	1481535	20.871	ng/ul	100
74) Anthracene	17.239	178	1504070	21.115	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	411139	18.848	ng/ul	100
76) Pentachlorobenzene	14.686	250	425320	20.023	ng/ul	100
77) Carbazole	17.515	167	1347649	21.359	ng/ul	100
78) Di-n-butylphthalate	18.074	149	1722818	20.731	ng/ul	100
80) Fluoranthene	19.168	202	1654536	21.094	ng/ul	100
82) Pyrene	19.527	202	1781374	21.319	ng/ul	100
83) Butylbenzylphthalate	20.427	149	720490	19.848	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	498738	20.269	ng/ul	100
85) Benzo(a)anthracene	21.315	228	1612546	20.102	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1034793	19.721	ng/ul	100
87) Chrysene	21.374	228	1526576	20.194	ng/ul	100
89) Di-n-octyl phthalate	22.350	149	1618136	20.263	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	1427335	20.475	ng/ul	100
91) Benzo(k)fluoranthene	23.415	252	1479584	21.310	ng/ul	100
93) Benzo(a)pyrene	24.144	252	1321351	20.361	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.609	276	1571522	18.680	ng/ul	100
95) Dibenzo(a,h)anthracene	27.656	278	1292841	19.020	ng/ul	100
96) Benzo(g,h,i)perylene	28.644	276	1196825	18.279	ng/ul	100

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

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