

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048249.D
 Acq On : 28 Oct 2024 10:44
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020188

Quant Time: Oct 28 11:27:27 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	7.722	152	218715	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	914095	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	569155	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1111104	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	993232	20.000	ng/u1	0.00
88) Perylene-d12	24.280	264	1096145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	48199	8.676	ng/uL	0.00
4) Pyridine-d5	3.587	84	333513	20.712	ng/u1	0.00
7) Phenol-d5	6.898	99	380903	20.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	240129	20.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	323008	21.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	302850	20.075	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	156660	20.904	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	168628	20.770	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	307561	20.760	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	417515	20.295	ng/u1	0.00
46) Dimethylphthalate-d6	13.774	166	855070	20.103	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	998845	20.828	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	148907	19.144	ng/u1	0.00
60) Fluorene-d10	15.357	176	738931	20.560	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	141941	19.330	ng/u1	0.00
73) Anthracene-d10	17.204	188	1098347	20.905	ng/u1	0.00
81) Pyrene-d10	19.498	212	1225786	20.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1202710	20.802	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	50488	8.597	ng/uL	97
5) Pyridine	3.610	79	346543	20.999	ng/u1	96
6) Benzaldehyde	6.863	77	203687	21.903	ng/u1	96
8) Phenol	6.928	94	401908	20.538	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.145	93	320018	20.470	ng/u1	100
12) 2-Chlorophenol	7.287	128	330215	21.048	ng/u1	100
13) 2-Methylphenol	8.169	108	298285	20.262	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	489771	20.497	ng/u1	99
16) Acetophenone	8.545	105	497954	20.958	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.528	70	245187	20.120	ng/u1	98
18) 4-Methylphenol	8.498	108	332917	20.490	ng/u1	97
19) Hexachloroethane	8.792	117	138899	21.002	ng/u1	98
22) Nitrobenzene	8.916	77	359081	20.620	ng/u1	97
23) Isophorone	9.445	82	675972	20.030	ng/u1	99
25) 2-Nitrophenol	9.628	139	185600	20.856	ng/u1	98
26) 2,4-Dimethylphenol	9.698	107	341878	20.927	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.928	93	424814	20.296	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	313336	20.669	ng/u1	98
30) Naphthalene	10.557	128	1055805	20.680	ng/u1	99
32) 4-Chloroaniline	10.675	127	405561	20.347	ng/u1	99
33) Hexachlorobutadiene	10.845	225	211992	20.986	ng/u1	98
34) Caprolactam	11.451	113	87961	18.193	ng/u1	94
35) 4-Chloro-3-methylphenol	11.810	107	307267	20.145	ng/u1	99
36) 2-Methylnaphthalene	12.175	142	702049	20.400	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	707613	20.270	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.551	216	378800	21.022	ng/ul	100
40) Hexachlorocyclopentadiene	12.527	237	224810	20.842	ng/ul	100
41) 2,4,6-Trichlorophenol	12.798	196	240504	20.678	ng/ul	97
42) 2,4,5-Trichlorophenol	12.875	196	256577	20.886	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	903962	20.708	ng/ul	98
44) 2-Chloronaphthalene	13.233	162	711922	21.046	ng/ul	99
45) 2-Nitroaniline	13.445	65	190183	20.315	ng/ul	98
47) Dimethylphthalate	13.822	163	863529	20.243	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	167463	20.190	ng/ul	96
50) Acenaphthylene	14.086	152	1100387	21.006	ng/ul	99
51) 3-Nitroaniline	14.274	138	165653	18.973	ng/ul	98
52) Acenaphthene	14.427	153	765353	20.589	ng/ul	99
53) 2,4-Dinitrophenol	14.486	184	96559	17.116	ng/ul	96
55) 4-Nitrophenol	14.592	109	109513	19.287	ng/ul	97
56) Dibenzofuran	14.763	168	1058685	20.701	ng/ul	99
57) 2,4-Dinitrotoluene	14.733	165	245253	20.225	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	216126	20.520	ng/ul	100
59) Diethylphthalate	15.186	149	865991	20.179	ng/ul	100
61) Fluorene	15.416	166	842189	20.681	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	422702	20.677	ng/ul	100
63) 4-Nitroaniline	15.439	138	152356	19.272	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	157299	19.983	ng/ul	94
67) N-Nitrosodiphenylamine	15.621	169	703033	21.192	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	254851	21.023	ng/ul	96
69) Hexachlorobenzene	16.415	284	303442	20.921	ng/ul	98
70) Atrazine	16.574	200	236027	20.781	ng/ul	98
71) Pentachlorophenol	16.762	266	186601	20.333	ng/ul	97
72) Phenanthrene	17.151	178	1268394	20.616	ng/ul	99
74) Anthracene	17.239	178	1301757	21.139	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	379612	21.589	ng/ul	98
76) Pentachlorobenzene	14.686	250	375150	20.965	ng/ul	99
77) Carbazole	17.515	167	1155263	21.366	ng/ul	99
78) Di-n-butylphthalate	18.074	149	1453539	20.457	ng/ul	100
80) Fluoranthene	19.162	202	1421428	20.268	ng/ul	98
82) Pyrene	19.527	202	1537386	20.446	ng/ul	99
83) Butylbenzylphthalate	20.421	149	621973	20.016	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	461285	21.285	ng/ul	99
85) Benzo(a)anthracene	21.315	228	1471510	20.544	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	917358	20.487	ng/ul	99
87) Chrysene	21.374	228	1391435	20.658	ng/ul	99
89) Di-n-octyl phthalate	22.344	149	1527191	18.623	ng/ul	100
90) Benzo(b)fluoranthene	23.344	252	1453282	20.776	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	1435755	20.500	ng/ul	99
93) Benzo(a)pyrene	24.138	252	1337166	21.013	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.597	276	1709529	22.306	ng/ul	99
95) Dibenzo(a,h)anthracene	27.650	278	1406599	22.441	ng/ul	99
96) Benzo(g,h,i)perylene	28.632	276	1324595	22.522	ng/ul	98

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

