

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
 Data File : BM044265.D
 Acq On : 23 Feb 2024 11:30
 Operator : MA/JU
 Sample : SSTD02095
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020015

Quant Time: Feb 23 12:23:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 12:21:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	214964	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	901140	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	505663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1031613	20.000	ng/u1	0.00
79) Chrysene-d12	21.497	240	915581	20.000	ng/u1	0.00
88) Perylene-d12	23.891	264	1027106	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	52166	8.279	ng/uL	0.00
4) Pyridine-d5	3.757	84	351402	19.393	ng/u1	0.00
7) Phenol-d5	7.057	99	379638	18.108	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	252790	19.220	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	303916	19.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	283410	17.883	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	143592	19.662	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	145673	20.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	260351	19.109	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	407951	17.847	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	751754	19.395	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	876071	19.083	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	134804	16.654	ng/u1	0.00
60) Fluorene-d10	15.533	176	645756	19.129	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	111599	18.094	ng/u1	0.00
73) Anthracene-d10	17.392	188	962027	19.043	ng/u1	0.00
81) Pyrene-d10	19.692	212	1073609	19.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.738	264	1034455	19.319	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	55876	8.637	ng/uL	100
5) Pyridine	3.775	79	370163	20.070	ng/u1	100
6) Benzaldehyde	7.045	77	217166	24.237	ng/u1	100
8) Phenol	7.087	94	397143	18.493	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.328	93	336791	19.339	ng/u1	100
12) 2-Chlorophenol	7.451	128	314302	19.612	ng/u1	100
13) 2-Methylphenol	8.339	108	292127	18.535	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.428	45	464954	18.939	ng/u1	100
16) Acetophenone	8.728	105	474635	18.532	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.710	70	244414	18.949	ng/u1	100
18) 4-Methylphenol	8.669	108	309366	18.244	ng/u1	100
19) Hexachloroethane	8.963	117	132019	19.270	ng/u1	100
22) Nitrobenzene	9.104	77	347886	18.938	ng/u1	100
23) Isophorone	9.628	82	666835	19.199	ng/u1	100
25) 2-Nitrophenol	9.810	139	161465	19.917	ng/u1	100
26) 2,4-Dimethylphenol	9.875	107	307957	18.825	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.122	93	430872	19.751	ng/u1	100
29) 2,4-Dichlorophenol	10.345	162	259339	19.109	ng/u1	100
30) Naphthalene	10.745	128	1001963	19.686	ng/u1	100
32) 4-Chloroaniline	10.869	127	401788	17.902	ng/u1	100
33) Hexachlorobutadiene	11.022	225	156852	18.491	ng/u1	100
34) Caprolactam	11.645	113	79146	16.695	ng/u1	100
35) 4-Chloro-3-methylphenol	11.986	107	274444	18.730	ng/u1	100
36) 2-Methylnaphthalene	12.363	142	637448	19.037	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	625204	18.942	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.722	216	289432	18.425	ng/ul	100
40) Hexachlorocyclopentadiene	12.698	237	189143	18.323	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	186477	18.940	ng/ul	100
42) 2,4,5-Trichlorophenol	13.039	196	199842	18.784	ng/ul	100
43) 1,1'-Biphenyl	13.374	154	799167	19.296	ng/ul	100
44) 2-Chloronaphthalene	13.416	162	630368	19.240	ng/ul	100
45) 2-Nitroaniline	13.633	65	176271	18.537	ng/ul	100
47) Dimethylphthalate	14.010	163	771751	19.315	ng/ul	100
48) 2,6-Dinitrotoluene	14.133	165	143634	19.514	ng/ul	100
50) Acenaphthylene	14.263	152	1045411	19.445	ng/ul	100
51) 3-Nitroaniline	14.457	138	148853	17.888	ng/ul	100
52) Acenaphthene	14.604	153	682179	19.325	ng/ul	100
53) 2,4-Dinitrophenol	14.663	184	72286	16.780	ng/ul	100
55) 4-Nitrophenol	14.757	109	94788	15.188	ng/ul	100
56) Dibenzofuran	14.939	168	924269	19.393	ng/ul	100
57) 2,4-Dinitrotoluene	14.916	165	213121	19.898	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	163132	18.496	ng/ul	100
59) Diethylphthalate	15.374	149	796269	19.656	ng/ul	100
61) Fluorene	15.592	166	749473	18.788	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	352873	18.482	ng/ul	100
63) 4-Nitroaniline	15.621	138	157682	19.416	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.674	198	125962	18.424	ng/ul	100
67) N-Nitrosodiphenylamine	15.810	169	616735	19.261	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	198560	18.309	ng/ul	100
69) Hexachlorobenzene	16.586	284	226898	18.102	ng/ul	100
70) Atrazine	16.768	200	198744	18.528	ng/ul	100
71) Pentachlorophenol	16.939	266	137705	16.911	ng/ul	100
72) Phenanthrene	17.339	178	1153120	19.133	ng/ul	100
74) Anthracene	17.427	178	1175134	19.155	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.333	216	280268	18.804	ng/ul	100
76) Pentachlorobenzene	14.851	250	268446	18.791	ng/ul	100
77) Carbazole	17.704	167	1079474	18.626	ng/ul	100
78) Di-n-butylphthalate	18.280	149	1400344	20.576	ng/ul	100
80) Fluoranthene	19.356	202	1283488	19.975	ng/ul	100
82) Pyrene	19.721	202	1354367	19.943	ng/ul	100
83) Butylbenzylphthalate	20.645	149	599875	21.637	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.421	252	414456	20.693	ng/ul	100
85) Benzo(a)anthracene	21.480	228	1340822	19.556	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	957241	22.664	ng/ul	100
87) Chrysene	21.533	228	1241638	19.394	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	1612700	21.788	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	1275907	19.116	ng/ul	100
91) Benzo(k)fluoranthene	23.215	252	1350589	20.118	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1255990	19.646	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.374	276	1505328	19.249	ng/ul	100
95) Dibenzo(a,h)anthracene	26.409	278	1271334	19.494	ng/ul	100
96) Benzo(g,h,i)perylene	27.138	276	1212734	19.311	ng/ul	100

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

