

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049381.D
 Acq On : 22 Jan 2025 12:58
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020069

Quant Time: Jan 22 22:09:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	247239	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	953587	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	604461	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1106420	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	911378	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	842132	20.000	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	49643	8.308	ng/uL	0.00
4) Pyridine-d5	3.510	84	386831	20.335	ng/ul	0.00
7) Phenol-d5	6.710	99	400075	19.277	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	292596	21.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	317488	19.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	303537	18.860	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	145623	20.026	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	154148	18.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	329897	19.888	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	400651	18.355	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	890965	19.804	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1067469	20.784	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	108826	14.608	ng/ul	0.00
60) Fluorene-d10	15.163	176	794850	20.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	122893	17.428	ng/ul	0.00
73) Anthracene-d10	17.010	188	1137543	20.798	ng/ul	0.00
81) Pyrene-d10	19.315	212	1151226	20.756	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	908520	20.097	ng/ul	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.152	88	54181	8.276	ng/uL	94
5) Pyridine	3.528	79	403161	20.965	ng/ul	99
6) Benzaldehyde	6.675	77	263258	23.528	ng/ul	97
8) Phenol	6.740	94	422377	19.574	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	354247	20.160	ng/ul	96
12) 2-Chlorophenol	7.093	128	330374	20.019	ng/ul	98
13) 2-Methylphenol	7.969	108	296223	18.789	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.040	45	591612	22.465	ng/ul	98
16) Acetophenone	8.334	105	532160	20.246	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.328	70	291529	20.534	ng/ul	95
18) 4-Methylphenol	8.293	108	326214	18.886	ng/ul	99
19) Hexachloroethane	8.581	117	145815	20.564	ng/ul	98
22) Nitrobenzene	8.704	77	398314	21.143	ng/ul	99
23) Isophorone	9.234	82	709516	19.383	ng/ul	100
25) 2-Nitrophenol	9.404	139	178370	19.964	ng/ul	97
26) 2,4-Dimethylphenol	9.481	107	335979	20.093	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.716	93	462146	20.542	ng/ul	98
29) 2,4-Dichlorophenol	9.939	162	332011	20.089	ng/ul	99
30) Naphthalene	10.328	128	1041275	20.576	ng/ul	99
32) 4-Chloroaniline	10.445	127	386823	18.584	ng/ul	100
33) Hexachlorobutadiene	10.622	225	252442	21.393	ng/ul	100
34) Caprolactam	11.222	113	74919	15.228	ng/ul	95
35) 4-Chloro-3-methylphenol	11.586	107	289992	18.767	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	726205	20.053	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.175	142	720004	19.982	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.328	216	459613	21.967	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	256815	20.458	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	264822	20.575	ng/ul	99
42) 2,4,5-Trichlorophenol	12.651	196	282981	20.513	ng/ul	99
43) 1,1'-Biphenyl	12.986	154	964025	21.783	ng/ul	99
44) 2-Chloronaphthalene	13.022	162	768837	21.723	ng/ul	99
45) 2-Nitroaniline	13.239	65	188063	20.137	ng/ul	98
47) Dimethylphthalate	13.633	163	881529	19.808	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	161790	19.486	ng/ul	93
50) Acenaphthylene	13.880	152	1100064	20.893	ng/ul	100
51) 3-Nitroaniline	14.074	138	133584	16.398	ng/ul	96
52) Acenaphthene	14.227	153	790803	21.021	ng/ul	97
53) 2,4-Dinitrophenol	14.286	184	65828	12.659	ng/ul	98
55) 4-Nitrophenol	14.398	109	84527	15.386	ng/ul	96
56) Dibenzofuran	14.563	168	1111913	20.814	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	229133	18.597	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.798	232	217250	18.643	ng/ul	97
59) Diethylphthalate	15.010	149	829503	19.125	ng/ul	99
61) Fluorene	15.216	166	929900	21.305	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.221	204	499766	21.009	ng/ul	99
63) 4-Nitroaniline	15.245	138	114778	15.659	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.304	198	139527	18.148	ng/ul	96
67) N-Nitrosodiphenylamine	15.433	169	715065	21.782	ng/ul	99
68) 4-Bromophenyl-phenylether	16.116	248	263926	20.978	ng/ul	98
69) Hexachlorobenzene	16.221	284	296585	20.270	ng/ul	97
70) Atrazine	16.398	200	251056	18.706	ng/ul	99
71) Pentachlorophenol	16.568	266	159988	16.504	ng/ul	98
72) Phenanthrene	16.957	178	1288315	20.945	ng/ul	99
74) Anthracene	17.045	178	1287007	20.846	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	442040	23.905	ng/uL	100
76) Pentachlorobenzene	14.480	250	417854	22.640	ng/uL	99
77) Carbazole	17.321	167	1056644	19.290	ng/ul	99
78) Di-n-butylphthalate	17.904	149	1234066	18.387	ng/ul	99
80) Fluoranthene	18.980	202	1347001	21.135	ng/ul	99
82) Pyrene	19.345	202	1456498	21.469	ng/ul	98
83) Butylbenzylphthalate	20.274	149	425016	17.695	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.062	252	270483	15.849	ng/ul	97
85) Benzo(a)anthracene	21.127	228	1303825	20.529	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.080	149	637695	17.852	ng/ul	98
87) Chrysene	21.186	228	1198268	20.666	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	919784	14.993	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	1132641	20.094	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	1149586	20.455	ng/ul	99
93) Benzo(a)pyrene	23.791	252	1052564	20.674	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.003	276	1284650	21.996	ng/ul	98
95) Dibenzo(a,h)anthracene	27.062	278	1032383	21.703	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1017397	23.336	ng/ul	98

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

