

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
 Data File : BP023783.D
 Acq On : 29 Jan 2025 12:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020782

Quant Time: Jan 30 08:59:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 29 17:13:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	441430	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	1914870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	1256447	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	2539834	20.000	ng/u1	0.01
79) Chrysene-d12	21.674	240	2724327	20.000	ng/u1	0.00
88) Perylene-d12	25.086	264	3000204	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	98077	9.231	ng/uL	0.00
4) Pyridine-d5	3.705	84	718717	23.444	ng/u1	0.00
7) Phenol-d5	6.969	99	891683	22.825	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	486192	23.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	721781	23.528	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	728642	22.833	ng/u1	-0.01
21) Nitrobenzene-d5	8.922	128	360389	23.524	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.640	143	395032	23.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	705624	23.268	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	1043033	22.998	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	2188895	23.356	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	2438781	23.072	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	436516	23.453	ng/u1	0.00
60) Fluorene-d10	15.422	176	1828770	23.172	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	354306	22.612	ng/u1	0.00
73) Anthracene-d10	17.322	188	2918337	23.402	ng/u1	0.00
81) Pyrene-d10	19.692	212	3388643	23.214	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.857	264	3665427	23.416	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	101763	9.108	ng/uL	96
5) Pyridine	3.728	79	721521	23.508	ng/u1	97
6) Benzaldehyde	6.928	77	553049	28.845	ng/u1	100
8) Phenol	6.999	94	909170	22.665	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.210	93	711165	23.290	ng/u1	100
12) 2-Chlorophenol	7.358	128	737497	23.335	ng/u1	98
13) 2-Methylphenol	8.228	108	687215	22.769	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.293	45	754993	23.966	ng/u1	99
16) Acetophenone	8.593	105	1132034	23.205	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.575	70	550593	23.968	ng/u1	98
18) 4-Methylphenol	8.552	108	773130	23.087	ng/u1	100
19) Hexachloroethane	8.852	117	289880	23.196	ng/u1	96
22) Nitrobenzene	8.963	77	775262	23.318	ng/u1	99
23) Isophorone	9.493	82	1566225	23.331	ng/u1	99
25) 2-Nitrophenol	9.675	139	424314	23.533	ng/u1	100
26) 2,4-Dimethylphenol	9.740	107	780092	23.375	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.969	93	965522	23.090	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	706700	22.980	ng/u1	98
30) Naphthalene	10.610	128	2352870	22.955	ng/u1	99
32) 4-Chloroaniline	10.710	127	988926	23.105	ng/u1	100
33) Hexachlorobutadiene	10.899	225	423224	22.732	ng/u1	99
34) Caprolactam	11.498	113	275132	23.093	ng/u1	99
35) 4-Chloro-3-methylphenol	11.857	107	770260	23.300	ng/u1	100
36) 2-Methylnaphthalene	12.222	142	1637821	22.726	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.440	142	1652032	23.107	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	855112	23.021	ng/ul	100
40) Hexachlorocyclopentadiene	12.569	237	471705	22.536	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	571611	23.038	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	632846	23.664	ng/ul	100
43) 1,1'-Biphenyl	13.234	154	2151533	23.069	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	1691062	23.270	ng/ul	99
45) 2-Nitroaniline	13.475	65	452693	23.935	ng/ul	94
47) Dimethylphthalate	13.863	163	2152855	23.087	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	431000	23.651	ng/ul	100
50) Acenaphthylene	14.134	152	2609993	23.186	ng/ul	99
51) 3-Nitroaniline	14.310	138	489767	24.455	ng/ul	99
52) Acenaphthene	14.475	153	1843377	23.097	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	237368	21.849	ng/ul	94
55) 4-Nitrophenol	14.651	109	308528	23.431	ng/ul	98
56) Dibenzofuran	14.822	168	2535432	22.927	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	638298	23.549	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	531633	23.362	ng/ul	95
59) Diethylphthalate	15.251	149	2184020	23.377	ng/ul	100
61) Fluorene	15.481	166	2129884	23.216	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	1030521	22.692	ng/ul	97
63) 4-Nitroaniline	15.492	138	513622	26.360	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.557	198	390969	22.696	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	1796479	23.176	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	658940	22.996	ng/ul	98
69) Hexachlorobenzene	16.510	284	775187	22.327	ng/ul	99
70) Atrazine	16.669	200	705469	23.502	ng/ul	100
71) Pentachlorophenol	16.869	266	465185	21.783	ng/ul	99
72) Phenanthrene	17.269	178	3306524	23.053	ng/ul	100
74) Anthracene	17.357	178	3441085	23.790	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	848798	22.822	ng/uL	99
76) Pentachlorobenzene	14.739	250	904083	22.557	ng/uL	99
77) Carbazole	17.639	167	3195385	25.216	ng/ul	100
78) Di-n-butylphthalate	18.233	149	3846570	24.525	ng/ul	100
80) Fluoranthene	19.351	202	3934721	23.401	ng/ul	99
82) Pyrene	19.722	202	4213262	23.962	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1793334	23.684	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.592	252	1414508	23.998	ng/ul	100
85) Benzo(a)anthracene	21.657	228	4154266	23.189	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.610	149	2603251	23.563	ng/ul	99
87) Chrysene	21.727	228	3881274	23.513	ng/ul	99
89) Di-n-octyl phthalate	22.921	149	4377723	24.341	ng/ul	100
90) Benzo(b)fluoranthene	24.015	252	4274930	23.483	ng/ul	100
91) Benzo(k)fluoranthene	24.080	252	4156910	22.777	ng/ul	99
93) Benzo(a)pyrene	24.933	252	3971355	23.360	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.956	276	3054688	13.862	ng/ul	99
95) Dibenzo(a,h)anthracene	29.039	278	4216305	23.587	ng/ul	99
96) Benzo(g,h,i)perylene	30.180	276	2573804	15.249	ng/ul	100

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

