

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123124\
 Data File : BP023595.D
 Acq On : 31 Dec 2024 12:11
 Operator : RC/JU
 Sample : SST02063
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020644

Quant Time: Jan 01 00:16:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP123124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 31 14:01:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	608548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	2540476	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	1598184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	3137909	20.000	ng/u1	0.00
79) Chrysene-d12	21.716	240	3301028	20.000	ng/u1	0.00
88) Perylene-d12	25.145	264	3422155	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	123242	7.416	ng/uL	0.00
4) Pyridine-d5	3.717	84	889951	20.348	ng/u1	0.00
7) Phenol-d5	6.963	99	1021397	20.959	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	620994	20.485	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	802672	22.076	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	800030	20.487	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	384650	20.182	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	301187	14.662	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	742561	16.733	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	1199852	22.383	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	2416036	19.562	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	2837560	21.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	404510	24.461	ng/u1	0.00
60) Fluorene-d10	15.445	176	2004187	18.603	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	194944	11.314	ng/u1	0.00
73) Anthracene-d10	17.339	188	3163202	21.621	ng/u1	0.00
81) Pyrene-d10	19.716	212	3452035	19.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.898	264	3522911	19.321	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	129546	7.207	ng/uL	100
5) Pyridine	3.734	79	903451	20.580	ng/u1	100
6) Benzaldehyde	6.952	77	698377m	25.211	ng/u1	
8) Phenol	6.993	94	1071600	21.077	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.234	93	870287	21.617	ng/u1	100
12) 2-Chlorophenol	7.375	128	842450	21.985	ng/u1	100
13) 2-Methylphenol	8.234	108	790881	21.012	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	961483	20.178	ng/u1	100
16) Acetophenone	8.616	105	1359537	20.712	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.605	70	676210	19.262	ng/u1	100
18) 4-Methylphenol	8.558	108	871997	21.434	ng/u1	100
19) Hexachloroethane	8.887	117	344558	19.173	ng/u1	100
22) Nitrobenzene	8.987	77	923509	16.683	ng/u1	100
23) Isophorone	9.510	82	1930142	19.011	ng/u1	100
25) 2-Nitrophenol	9.699	139	380281	16.827	ng/u1	100
26) 2,4-Dimethylphenol	9.757	107	877663	17.416	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.993	93	1155171	19.938	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	758511	17.176	ng/u1	100
30) Naphthalene	10.634	128	2767470	20.471	ng/u1	100
32) 4-Chloroaniline	10.734	127	1145485	22.021	ng/u1	100
33) Hexachlorobutadiene	10.934	225	478569	12.766	ng/u1	100
34) Caprolactam	11.475	113	301675	22.061	ng/u1	100
35) 4-Chloro-3-methylphenol	11.851	107	812864	16.989	ng/u1	100
36) 2-Methylnaphthalene	12.246	142	1914611	19.415	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1896912	19.007	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	941182	16.628	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	441410	16.075	ng/ul	100
41) 2,4,6-Trichlorophenol	12.846	196	546992	16.455	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	605952	16.932	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	2466289	21.246	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	1897164	20.471	ng/ul	100
45) 2-Nitroaniline	13.487	65	462229	17.894	ng/ul	100
47) Dimethylphthalate	13.881	163	2394945	19.585	ng/ul	100
48) 2,6-Dinitrotoluene	13.993	165	410803	17.970	ng/ul	100
50) Acenaphthylene	14.151	152	3022965	22.014	ng/ul	100
51) 3-Nitroaniline	14.316	138	479566	23.628	ng/ul	100
52) Acenaphthene	14.498	153	2095614	21.121	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	109197	8.004	ng/ul	100
55) 4-Nitrophenol	14.616	109	320733	16.583	ng/ul	100
56) Dibenzofuran	14.840	168	2830135	19.198	ng/ul	100
57) 2,4-Dinitrotoluene	14.787	165	604378	16.719	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	485844	14.175	ng/ul	100
59) Diethylphthalate	15.275	149	2420080	19.864	ng/ul	100
61) Fluorene	15.498	166	2389410	19.754	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	1173240	17.198	ng/ul	100
63) 4-Nitroaniline	15.498	138	527124	28.382	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.563	198	242717	13.082	ng/ul	100
67) N-Nitrosodiphenylamine	15.704	169	1952475	23.262	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	651299	17.923	ng/ul	100
69) Hexachlorobenzene	16.528	284	822605	18.380	ng/ul	100
70) Atrazine	16.681	200	733753	20.998	ng/ul	100
71) Pentachlorophenol	16.875	266	423352	16.608	ng/ul	100
72) Phenanthrene	17.281	178	3640460	21.832	ng/ul	100
74) Anthracene	17.375	178	3629430	21.864	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	931118	20.277	ng/ul	100
76) Pentachlorobenzene	14.757	250	987709	19.725	ng/ul	100
77) Carbazole	17.651	167	3419429	24.572	ng/ul	100
78) Di-n-butylphthalate	18.269	149	4117105	24.133	ng/ul	100
80) Fluoranthene	19.369	202	4087615	20.394	ng/ul	100
82) Pyrene	19.751	202	4434841	20.762	ng/ul	100
83) Butylbenzylphthalate	20.710	149	1554748	21.096	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.610	252	1260867	17.232	ng/ul	100
85) Benzo(a)anthracene	21.686	228	4400307	19.758	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.663	149	2575230	23.610	ng/ul	100
87) Chrysene	21.763	228	4044972	19.075	ng/ul	100
89) Di-n-octyl phthalate	22.986	149	3778545	22.186	ng/ul	100
90) Benzo(b)fluoranthene	24.051	252	4155651	19.429	ng/ul	100
91) Benzo(k)fluoranthene	24.116	252	4282746	19.932	ng/ul	100
93) Benzo(a)pyrene	24.968	252	3936292	20.110	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.033	276	4868763m	19.499	ng/ul	
95) Dibenzo(a,h)anthracene	29.133	278	3932442	19.591	ng/ul	100
96) Benzo(g,h,i)perylene	30.256	276	3717526	19.383	ng/ul	100

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

