

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123124\
 Data File : BP023597.D
 Acq On : 31 Dec 2024 13:32
 Operator : RC/JU
 Sample : SSTD08065
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080646

Quant Time: Dec 31 14:07:41 2024
 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	7.810	152	621254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	2675700	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	1683249	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	3288248	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	3407965	20.000	ng/u1	-0.01
88) Perylene-d12	25.145	264	3498851	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	489620	28.860	ng/uL	0.00
4) Pyridine-d5	3.716	84	3719325	83.301	ng/u1	0.00
7) Phenol-d5	6.969	99	4470708	89.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	2523791	81.549	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	3469177	93.462	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	3486429	87.453	ng/u1	0.01
21) Nitrobenzene-d5	8.951	128	1720125	85.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	1659598	76.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	3385981	72.444	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	5171124	91.589	ng/u1	0.01
46) Dimethylphthalate-d6	13.839	166	9667712	74.320	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	11456319	81.343	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	1967495	112.962	ng/u1	0.02
60) Fluorene-d10	15.445	176	8346078	73.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	1336689	74.032	ng/u1	0.02
73) Anthracene-d10	17.339	188	12679114	82.703	ng/u1	0.00
81) Pyrene-d10	19.710	212	13539383	75.728	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.915	264	15467482	82.968	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	518350	28.246	ng/uL	97
5) Pyridine	3.734	79	3720691	83.022	ng/u1	97
6) Benzaldehyde	6.957	77	1810930	64.037	ng/u1	99
8) Phenol	6.998	94	4597214	88.571	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.240	93	3580617	87.120	ng/u1	98
12) 2-Chlorophenol	7.381	128	3545295	90.629	ng/u1	98
13) 2-Methylphenol	8.240	108	3451097	89.815	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	3825611	78.642	ng/u1	99
16) Acetophenone	8.622	105	5504216	82.141	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	2726681	76.083	ng/u1	98
18) 4-Methylphenol	8.569	108	3734940	89.930	ng/u1	99
19) Hexachloroethane	8.887	117	1416557	77.214	ng/u1	99
22) Nitrobenzene	8.992	77	3844608	65.941	ng/u1	98
23) Isophorone	9.522	82	7872242	73.619	ng/u1	98
25) 2-Nitrophenol	9.698	139	1880074	78.987	ng/u1	98
26) 2,4-Dimethylphenol	9.757	107	3776292	71.150	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.998	93	4712243	77.221	ng/u1	99
29) 2,4-Dichlorophenol	10.228	162	3358563	72.210	ng/u1	98
30) Naphthalene	10.639	128	11137741	78.221	ng/u1	98
32) 4-Chloroaniline	10.739	127	4894034	89.327	ng/u1	99
33) Hexachlorobutadiene	10.934	225	1987537	50.340	ng/u1	99
34) Caprolactam	11.504	113	1308732m	90.868	ng/u1	
35) 4-Chloro-3-methylphenol	11.857	107	3660121	72.631	ng/u1	99
36) 2-Methylnaphthalene	12.245	142	7887456	75.939	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	7830846	74.497	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	3986923	66.876	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	2189379	75.700	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	2553891	72.944	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	2803757	74.384	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	9900011	80.973	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	7664911	78.529	ng/ul	99
45) 2-Nitroaniline	13.498	65	2145181	78.850	ng/ul	91
47) Dimethylphthalate	13.892	163	9538174	74.056	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	2000543	83.089	ng/ul	94
50) Acenaphthylene	14.151	152	11932231	82.501	ng/ul	97
51) 3-Nitroaniline	14.327	138	1998701	93.497	ng/ul	99
52) Acenaphthene	14.504	153	8462204	80.976	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	795313	55.349	ng/ul	97
55) 4-Nitrophenol	14.639	109	1402907	68.869	ng/ul	97
56) Dibenzofuran	14.845	168	11232310	72.344	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	2891494	75.944	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.063	232	2298267	63.665	ng/ul	99
59) Diethylphthalate	15.286	149	9839684	76.681	ng/ul	98
61) Fluorene	15.504	166	9283545	72.871	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	4638279	64.555	ng/ul	98
63) 4-Nitroaniline	15.516	138	1803025	92.173	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.574	198	1535120	78.956	ng/ul	95
67) N-Nitrosodiphenylamine	15.716	169	8137804	92.523	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	2913499	76.509	ng/ul	98
69) Hexachlorobenzene	16.533	284	3502147	74.674	ng/ul	97
70) Atrazine	16.692	200	3219085	87.912	ng/ul	98
71) Pentachlorophenol	16.874	266	2232219	83.567	ng/ul	99
72) Phenanthrene	17.280	178	13626435	77.983	ng/ul#	89
74) Anthracene	17.374	178	13517221	77.705	ng/ul#	90
75) 1,2,3,4-Tetrachloroben...	13.222	216	3970080	82.504	ng/ul	99
76) Pentachlorobenzene	14.763	250	4142188	78.939	ng/ul	98
77) Carbazole	17.639	167	12799798	87.775	ng/ul	95
78) Di-n-butylphthalate	18.251	149	13144922	73.527	ng/ul#	91
80) Fluoranthene	19.363	202	14736632	71.219	ng/ul#	90
82) Pyrene	19.739	202	15095139	68.453	ng/ul#	85
83) Butylbenzylphthalate	20.709	149	7713697	101.383	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.598	252	5158410	68.289	ng/ul	98
85) Benzo(a)anthracene	21.680	228	16291822	70.856	ng/ul#	86
86) Bis(2-ethylhexyl)phtha...	21.651	149	11651788	103.471	ng/ul#	93
87) Chrysene	21.756	228	15486157	70.736	ng/ul	91
89) Di-n-octyl phthalate	22.974	149	17341333	99.589	ng/ul	100
90) Benzo(b)fluoranthene	24.056	252	17468345	79.879	ng/ul	99
91) Benzo(k)fluoranthene	24.133	252	17699078	80.566	ng/ul	97
93) Benzo(a)pyrene	24.998	252	16496385	82.431	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.074	276	21465828m	84.085	ng/ul	
95) Dibenzo(a,h)anthracene	29.162	278	17413786	84.851	ng/ul	99
96) Benzo(g,h,i)perylene	30.268	276	16122149m	82.216	ng/ul	

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

