

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
 Data File : BP016188.D
 Acq On : 11 Jul 2023 18:51
 Operator : MA/JU
 Sample : SSTD08099
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080643

Quant Time: Jul 12 01:20:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 12 00:24:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	164297	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	772382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	491191	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1113781	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	1108458	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1397584	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	147139	32.221	ng/uL	0.00
4) Pyridine-d5	3.728	84	1030264	89.501	ng/u1	-0.01
7) Phenol-d5	7.140	99	1300085	92.483	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	830087	95.445	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	967623	91.186	ng/u1	-0.01
15) 4-Methylphenol-d8	8.699	113	1059174	95.376	ng/u1	-0.01
21) Nitrobenzene-d5	9.146	128	499260	84.580	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.875	143	571392	82.939	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	986402	80.347	ng/u1	-0.03
31) 4-Chloroaniline-d4	10.940	131	1425125	90.366	ng/u1	-0.02
46) Dimethylphthalate-d6	14.034	166	3069490	80.850	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	3435576	80.500	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	529902	105.768	ng/u1	-0.02
60) Fluorene-d10	15.616	176	2486648	79.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	593091	86.587	ng/u1	-0.02
73) Anthracene-d10	17.486	188	3973774	78.108	ng/u1	0.00
81) Pyrene-d10	19.716	212	4785360	66.114	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	5594548	79.355	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	159508	32.458	ng/uL	97
5) Pyridine	3.746	79	1059868	88.012	ng/u1	98
6) Benzaldehyde	7.111	77	835788	147.057	ng/u1	97
8) Phenol	7.163	94	1377729	94.444	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.387	93	1077406	92.827	ng/u1	99
12) 2-Chlorophenol	7.522	128	983625	87.249	ng/u1	98
13) 2-Methylphenol	8.428	108	1028315	93.364	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1707707	107.724	ng/u1	96
16) Acetophenone	8.810	105	1677956	91.916	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.787	70	938923	92.605	ng/u1	98
18) 4-Methylphenol	8.763	108	1118455	94.512	ng/u1	98
19) Hexachloroethane	9.028	117	412711	79.262	ng/u1	99
22) Nitrobenzene	9.193	77	1373793	82.877	ng/u1	97
23) Isophorone	9.722	82	2674003	84.297	ng/u1	99
25) 2-Nitrophenol	9.910	139	601306	82.240	ng/u1	98
26) 2,4-Dimethylphenol	9.963	107	1242708	77.316	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	1555506	86.865	ng/u1	100
29) 2,4-Dichlorophenol	10.446	162	980067	80.298	ng/u1	98
30) Naphthalene	10.828	128	3232747	76.991	ng/u1	100
32) 4-Chloroaniline	10.969	127	1407284	85.888	ng/u1	98
33) Hexachlorobutadiene	11.093	225	578621	62.776	ng/u1	99
34) Caprolactam	11.799	113	281730m	75.461	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	1189041	83.226	ng/u1	98
36) 2-Methylnaphthalene	12.446	142	2223929	80.458	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2257039	80.044	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	1167660	72.138	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	497681	102.776	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	801306	78.333	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	853326	78.646	ng/ul	96
43) 1,1'-Biphenyl	13.451	154	2930327	75.319	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	2316545	75.584	ng/ul	99
45) 2-Nitroaniline	13.734	65	900560	93.384	ng/ul	99
47) Dimethylphthalate	14.081	163	3057903	77.828	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	669148	83.959	ng/ul	97
50) Acenaphthylene	14.345	152	3890764	82.738	ng/ul	99
51) 3-Nitroaniline	14.563	138	676660	108.267	ng/ul	99
52) Acenaphthene	14.681	153	2511942	77.032	ng/ul	100
53) 2,4-Dinitrophenol	14.798	184	416473	98.494	ng/ul	99
55) 4-Nitrophenol	14.892	109	534489m	102.948	ng/ul	
56) Dibenzofuran	15.022	168	3375232	74.561	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	944556	86.969	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	731426	78.481	ng/ul	97
59) Diethylphthalate	15.440	149	3147102	79.151	ng/ul	100
61) Fluorene	15.669	166	2774541	75.565	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	1342456	71.453	ng/ul	99
63) 4-Nitroaniline	15.745	138	646112	151.047	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.798	198	618679	89.271	ng/ul#	95
67) N-Nitrosodiphenylamine	15.881	169	2413350	72.380	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	871900	68.553	ng/ul	98
69) Hexachlorobenzene	16.681	284	1018438	67.863	ng/ul	97
70) Atrazine	16.845	200	988635	77.460	ng/ul	98
71) Pentachlorophenol	17.039	266	587866	81.618	ng/ul	97
72) Phenanthrene	17.428	178	4590531	75.868	ng/ul	100
74) Anthracene	17.522	178	4728905	77.779	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	1229454	67.838	ng/uL	99
76) Pentachlorobenzene	14.940	250	1106770	60.508	ng/uL	100
77) Carbazole	17.804	167	4425856	86.367	ng/ul	98
78) Di-n-butylphthalate	18.316	149	5638296	82.994	ng/ul	99
80) Fluoranthene	19.392	202	5570178	61.923	ng/ul	100
82) Pyrene	19.745	202	5838777	63.631	ng/ul	99
83) Butylbenzylphthalate	20.598	149	2790247	74.535	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	2286072	91.233	ng/ul	97
85) Benzo(a)anthracene	21.457	228	5878605	75.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	4122558	80.132	ng/ul	100
87) Chrysene	21.516	228	5704855	77.114	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	7290025	71.375	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	6497746	72.357	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	6458122	71.178	ng/ul	98
93) Benzo(a)pyrene	23.863	252	6403555	81.608	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	8240920	77.365	ng/ul	98
95) Dibenzo(a,h)anthracene	26.633	278	6761759	77.283	ng/ul	98
96) Benzo(g,h,i)perylene	27.433	276	6899865	78.737	ng/ul	98

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

