

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018430.D
 Acq On : 28 Nov 2023 09:02
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

Quant Time: Nov 29 00:42:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 08:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	446535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1829081	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	1095707	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2023899	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1640381	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1927674	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	95381	8.000	ng/uL	0.00
4) Pyridine-d5	3.681	84	625175	19.081	ng/u1	0.00
7) Phenol-d5	7.022	99	794768	19.475	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	454412	18.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	677323	19.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	652099	19.801	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	323156	21.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	318979	23.248	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	699552	21.133	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	923734	20.691	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1904130	19.530	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	2220234	19.986	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	245710	18.256	ng/u1	0.00
60) Fluorene-d10	15.487	176	1571656	19.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	186668	21.666	ng/u1	0.00
73) Anthracene-d10	17.345	188	2150715	19.882	ng/u1	0.00
81) Pyrene-d10	19.592	212	2188802	16.765	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	2228356	19.939	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	98368	7.695	ng/uL#	87
5) Pyridine	3.705	79	630162	19.089	ng/u1	93
6) Benzaldehyde	6.999	77	453090	20.981	ng/u1	92
8) Phenol	7.052	94	790452	19.746	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.287	93	664267	19.921	ng/u1	96
12) 2-Chlorophenol	7.416	128	676730	19.687	ng/u1	96
13) 2-Methylphenol	8.305	108	615386	19.737	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	788370	16.633	ng/u1	95
16) Acetophenone	8.681	105	1000063	19.845	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.675	70	450378	15.999	ng/u1	92
18) 4-Methylphenol	8.634	108	663582	19.930	ng/u1	99
19) Hexachloroethane	8.940	117	274473	19.120	ng/u1	90
22) Nitrobenzene	9.063	77	684013	19.653	ng/u1	94
23) Isophorone	9.587	82	1336196	17.225	ng/u1	98
25) 2-Nitrophenol	9.769	139	359712	23.301	ng/u1	92
26) 2,4-Dimethylphenol	9.834	107	656498	18.942	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	889164	18.979	ng/u1	100
29) 2,4-Dichlorophenol	10.305	162	669072	21.101	ng/u1	97
30) Naphthalene	10.705	128	2218727	20.056	ng/u1	100
32) 4-Chloroaniline	10.822	127	878201	20.845	ng/u1	100
33) Hexachlorobutadiene	10.999	225	483840	22.373	ng/u1	99
34) Caprolactam	11.593	113	158638	17.362	ng/u1	84
35) 4-Chloro-3-methylphenol	11.946	107	605525	17.861	ng/u1	92
36) 2-Methylnaphthalene	12.316	142	1526766	19.501	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1524370	19.343	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	894184	23.107	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	443331	20.227	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	519588	22.357	ng/ul	97
42) 2,4,5-Trichlorophenol	12.993	196	553970	22.044	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	1981652	20.757	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1587976	21.016	ng/ul	98
45) 2-Nitroaniline	13.575	65	301798	18.563	ng/ul	86
47) Dimethylphthalate	13.957	163	1872578	19.630	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	340763	21.188	ng/ul	91
50) Acenaphthylene	14.216	152	2475719	19.993	ng/ul	99
51) 3-Nitroaniline	14.398	138	328074	20.530	ng/ul#	93
52) Acenaphthene	14.557	153	1611879	19.926	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	103658	18.474	ng/ul	99
55) 4-Nitrophenol	14.698	109	170238	17.072	ng/ul	94
56) Dibenzofuran	14.893	168	2191865	19.820	ng/ul	96
57) 2,4-Dinitrotoluene	14.857	165	448542	20.638	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.116	232	418444	21.202	ng/ul	95
59) Diethylphthalate	15.322	149	1738085	18.138	ng/ul	99
61) Fluorene	15.540	166	1725452	19.132	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.540	204	920900	20.109	ng/ul	97
63) 4-Nitroaniline	15.563	138	296053	19.631	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.616	198	205377	21.493	ng/ul	97
67) N-Nitrosodiphenylamine	15.751	169	1412840	20.586	ng/ul	100
68) 4-Bromophenyl-phenylether	16.434	248	538804	21.086	ng/ul	96
69) Hexachlorobenzene	16.545	284	644719	22.569	ng/ul#	90
70) Atrazine	16.710	200	417761	19.939	ng/ul	98
71) Pentachlorophenol	16.892	266	318737	21.715	ng/ul	98
72) Phenanthrene	17.287	178	2474496	20.101	ng/ul	100
74) Anthracene	17.381	178	2472269	19.896	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	878889	25.264	ng/uL	98
76) Pentachlorobenzene	14.810	250	823187	24.360	ng/uL	99
77) Carbazole	17.651	167	2021472	20.080	ng/ul	99
78) Di-n-butylphthalate	18.216	149	2429604	17.351	ng/ul	100
80) Fluoranthene	19.269	202	2560130	16.415	ng/ul	98
82) Pyrene	19.622	202	2645920	16.847	ng/ul	98
83) Butylbenzylphthalate	20.545	149	825236	14.199	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.333	252	772512	19.471	ng/ul	98
85) Benzo(a)anthracene	21.380	228	2626343	19.645	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1212508	13.905	ng/ul	98
87) Chrysene	21.433	228	2423252	19.919	ng/ul	100
89) Di-n-octyl phthalate	22.463	149	1904866	13.422	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	2818928	20.133	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2579069	18.503	ng/ul	99
93) Benzo(a)pyrene	23.845	252	2587317	20.093	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	3050722	20.490	ng/ul	97
95) Dibenzo(a,h)anthracene	26.927	278	2515937	20.641	ng/ul	98
96) Benzo(g,h,i)perylene	27.704	276	2554992	21.189	ng/ul	97

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

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