

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013280.D
 Acq On : 23 Dec 2022 15:27
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020718

Quant Time: Dec 24 00:25:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	619874	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	2542652	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1441049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	2502242	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2370803	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	2763699	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	111501	7.691	ng/uL	0.00
4) Pyridine-d5	3.758	84	845836	20.538	ng/u1	0.00
7) Phenol-d5	7.105	99	1065757	21.108	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	640589	21.032	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	857627	21.577	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	835322	20.191	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	416097	22.273	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	477297	22.694	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	884248	21.645	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1053873	18.274	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	2218069	20.028	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	2585576	21.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	318266	15.976	ng/u1	0.00
60) Fluorene-d10	15.581	176	1798920	19.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	276187	17.152	ng/u1	0.00
73) Anthracene-d10	17.445	188	2385327	21.130	ng/u1	0.00
81) Pyrene-d10	19.680	212	2659092	19.540	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.763	264	2883313	20.931	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	117435	7.759	ng/uL	98
5) Pyridine	3.781	79	853695	20.857	ng/u1	99
6) Benzaldehyde	7.081	77	420244	21.256	ng/u1	96
8) Phenol	7.134	94	1080070	21.157	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.363	93	851243	20.316	ng/u1	96
12) 2-Chlorophenol	7.505	128	864509	21.210	ng/u1	96
13) 2-Methylphenol	8.393	108	819986	20.603	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1272411	22.130	ng/u1	97
16) Acetophenone	8.775	105	1309829	20.649	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.758	70	659502	20.675	ng/u1	95
18) 4-Methylphenol	8.722	108	900791	20.434	ng/u1	99
19) Hexachloroethane	9.028	117	331474	20.351	ng/u1	100
22) Nitrobenzene	9.158	77	972826	22.192	ng/u1	98
23) Isophorone	9.687	82	1816091	20.488	ng/u1	98
25) 2-Nitrophenol	9.869	139	496829	21.802	ng/u1	95
26) 2,4-Dimethylphenol	9.928	107	954314	21.463	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	1148270	20.259	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	857759	21.435	ng/u1	100
30) Naphthalene	10.810	128	2775947	20.875	ng/u1	100
32) 4-Chloroaniline	10.922	127	1058230	18.543	ng/u1	99
33) Hexachlorobutadiene	11.087	225	606611	22.078	ng/u1	98
34) Caprolactam	11.710	113	227179	16.650	ng/u1	97
35) 4-Chloro-3-methylphenol	12.046	107	806132	19.740	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	1823414	19.988	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	1863549	19.864	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	1102781	23.766	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	247992	8.213	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	680556	22.821	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	709201	22.140	ng/ul	100
43) 1,1'-Biphenyl	13.422	154	2404709	22.219	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1908205	22.402	ng/ul	99
45) 2-Nitroaniline	13.675	65	478807	23.184	ng/ul	97
47) Dimethylphthalate	14.045	163	2216984	20.197	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	427397	20.951	ng/ul	99
50) Acenaphthylene	14.310	152	2776046	21.218	ng/ul	100
51) 3-Nitroaniline	14.498	138	375122	19.474	ng/ul	99
52) Acenaphthene	14.651	153	1883889	20.779	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	167448	12.008	ng/ul	97
55) 4-Nitrophenol	14.804	109	237728	17.489	ng/ul	92
56) Dibenzofuran	14.987	168	2598161	20.155	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	550542	18.579	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	554891	18.982	ng/ul	97
59) Diethylphthalate	15.404	149	2015218	18.885	ng/ul	99
61) Fluorene	15.640	166	2030316	19.639	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	1100061	20.121	ng/ul	98
63) 4-Nitroaniline	15.663	138	311866	18.399	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.722	198	269135	17.103	ng/ul	97
67) N-Nitrosodiphenylamine	15.845	169	1664326	23.991	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	628691	23.136	ng/ul	98
69) Hexachlorobenzene	16.645	284	712255	22.075	ng/ul	99
70) Atrazine	16.804	200	568326	21.023	ng/ul	99
71) Pentachlorophenol	16.998	266	389871	19.952	ng/ul	98
72) Phenanthrene	17.392	178	2745108	21.062	ng/ul	99
74) Anthracene	17.481	178	2784041	21.393	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1066380	29.870	ng/uL	99
76) Pentachlorobenzene	14.910	250	962696	26.449	ng/uL	100
77) Carbazole	17.757	167	2335849	21.313	ng/ul	100
78) Di-n-butylphthalate	18.292	149	2687334	20.139	ng/ul	100
80) Fluoranthene	19.357	202	3069196	19.871	ng/ul	99
82) Pyrene	19.710	202	3208508	20.138	ng/ul	98
83) Butylbenzylphthalate	20.575	149	1142880	18.568	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.357	252	952447	17.783	ng/ul	100
85) Benzo(a)anthracene	21.422	228	3349492	21.282	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1623884	18.703	ng/ul	100
87) Chrysene	21.480	228	3144047	21.124	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2978849	19.239	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	3630082	20.598	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	3385888	19.375	ng/ul	100
93) Benzo(a)pyrene	23.816	252	3185513	20.759	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.527	276	4310707	22.552	ng/ul	99
95) Dibenzo(a,h)anthracene	26.545	278	3575579	22.593	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	3502775	22.827	ng/ul	98

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

