

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122722\
 Data File : BP013336.D
 Acq On : 27 Dec 2022 13:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Quant Time: Dec 28 00:17:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	444718	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1940810	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1285922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	2771573	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	2283696	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	2338952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	77147	7.417	ng/uL	0.00
4) Pyridine-d5	3.746	84	573014	19.394	ng/u1	0.00
7) Phenol-d5	7.093	99	721677	19.923	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	459689	21.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	569718	19.979	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	585938	19.742	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	291444	20.438	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	331597	20.656	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	633863	20.328	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	847087	19.243	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	1904977	19.276	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	2160276	19.893	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	309349	17.401	ng/u1	0.00
60) Fluorene-d10	15.569	176	1626736	19.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	311249	17.451	ng/u1	0.00
73) Anthracene-d10	17.433	188	2455997	19.642	ng/u1	0.00
81) Pyrene-d10	19.669	212	2750158	20.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	2239868	19.213	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	82703	7.617	ng/uL#	92
5) Pyridine	3.769	79	579334	19.729	ng/u1	96
6) Benzaldehyde	7.069	77	289227	20.391	ng/u1	95
8) Phenol	7.122	94	727814	19.872	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.352	93	610921	20.323	ng/u1	95
12) 2-Chlorophenol	7.493	128	580378	19.847	ng/u1	94
13) 2-Methylphenol	8.381	108	565650	19.810	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.457	45	928688	22.514	ng/u1	97
16) Acetophenone	8.763	105	961437	21.126	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.746	70	502183	21.944	ng/u1	93
18) 4-Methylphenol	8.710	108	631185	19.957	ng/u1	99
19) Hexachloroethane	9.016	117	233461	19.979	ng/u1	100
22) Nitrobenzene	9.146	77	724023	21.638	ng/u1	96
23) Isophorone	9.669	82	1394868	20.616	ng/u1	98
25) 2-Nitrophenol	9.857	139	357854	20.573	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	695598	20.496	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.152	93	878901	20.315	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	627062	20.529	ng/u1	99
30) Naphthalene	10.799	128	1988422	19.590	ng/u1	99
32) 4-Chloroaniline	10.910	127	852534	19.571	ng/u1	97
33) Hexachlorobutadiene	11.075	225	429925	20.500	ng/u1	98
34) Caprolactam	11.693	113	174773	16.781	ng/u1	93
35) 4-Chloro-3-methylphenol	12.028	107	636618	20.423	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	1377039	19.775	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	1406283	19.638	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	862520	20.830	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	478370	17.753	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	541820	20.361	ng/ul	100
42) 2,4,5-Trichlorophenol	13.081	196	589632	20.628	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	1915685	19.836	ng/ul	100
44) 2-Chloronaphthalene	13.451	162	1515123	19.933	ng/ul	100
45) 2-Nitroaniline	13.663	65	406335	22.049	ng/ul	96
47) Dimethylphthalate	14.028	163	1898946	19.386	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	363334	19.959	ng/ul	99
50) Acenaphthylene	14.298	152	2318458	19.858	ng/ul	100
51) 3-Nitroaniline	14.487	138	302690	17.609	ng/ul	95
52) Acenaphthene	14.640	153	1580217	19.532	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	179442	14.421	ng/ul	95
55) 4-Nitrophenol	14.792	109	238344	19.649	ng/ul	92
56) Dibenzofuran	14.975	168	2263749	19.680	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	510494	19.306	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.204	232	522450	20.028	ng/ul	96
59) Diethylphthalate	15.392	149	1786340	18.760	ng/ul	99
61) Fluorene	15.628	166	1835011	19.891	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	990105	20.295	ng/ul	99
63) 4-Nitroaniline	15.651	138	275606	18.221	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.710	198	313598	17.992	ng/ul	100
67) N-Nitrosodiphenylamine	15.834	169	1536828	20.000	ng/ul	100
68) 4-Bromophenyl-phenylether	16.516	248	619323	20.576	ng/ul	99
69) Hexachlorobenzene	16.634	284	724516	20.273	ng/ul	99
70) Atrazine	16.792	200	574166	19.175	ng/ul	99
71) Pentachlorophenol	16.981	266	382590	17.677	ng/ul	99
72) Phenanthrene	17.381	178	2826938	19.582	ng/ul	99
74) Anthracene	17.469	178	2875231	19.947	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	841338	21.277	ng/uL	99
76) Pentachlorobenzene	14.892	250	851840	21.129	ng/uL	100
77) Carbazole	17.739	167	2406720	19.826	ng/ul	99
78) Di-n-butylphthalate	18.280	149	2829314	19.142	ng/ul	99
80) Fluoranthene	19.339	202	3232406	21.726	ng/ul	100
82) Pyrene	19.698	202	3315971	21.606	ng/ul	97
83) Butylbenzylphthalate	20.563	149	1134875	19.141	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	897695	17.400	ng/ul	100
85) Benzo(a)anthracene	21.404	228	3005171	19.823	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.316	149	1639487	19.603	ng/ul	100
87) Chrysene	21.463	228	2881082	20.096	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	2627075	20.049	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2978733	19.972	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	2804887	18.965	ng/ul	99
93) Benzo(a)pyrene	23.780	252	2531893	19.496	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	3381656	20.905	ng/ul	98
95) Dibenzo(a,h)anthracene	26.492	278	2815806	21.024	ng/ul	98
96) Benzo(g,h,i)perylene	27.262	276	2723842	20.974	ng/ul	98

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

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