

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018568.D
 Acq On : 04 Dec 2023 17:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Quant Time: Dec 04 21:38:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	367374	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1657497	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	1072815	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2219018	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1509702	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1433491	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	87737	8.138	ng/uL	0.00
4) Pyridine-d5	3.687	84	637775	22.086	ng/u1	0.00
7) Phenol-d5	7.022	99	779161	21.134	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	489250	22.390	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	573516	19.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	628880	21.078	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	273567	18.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	288132	18.839	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	616979	19.728	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	893168	21.853	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1902511	19.870	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	2153186	20.422	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	303610	19.317	ng/u1	0.00
60) Fluorene-d10	15.475	176	1607827	20.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	234485	17.623	ng/u1	0.00
73) Anthracene-d10	17.328	188	2375143	20.360	ng/u1	0.00
81) Pyrene-d10	19.569	212	2444606	20.802	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	1664324	19.912	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	94265	7.974	ng/uL	98
5) Pyridine	3.705	79	645477	22.135	ng/u1	100
6) Benzaldehyde	6.999	77	464621	24.409	ng/u1	99
8) Phenol	7.052	94	786002	21.740	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	651631	21.946	ng/u1	99
12) 2-Chlorophenol	7.416	128	583622	20.046	ng/u1	97
13) 2-Methylphenol	8.305	108	585929	21.169	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.387	45	861262	22.860	ng/u1	98
16) Acetophenone	8.681	105	1008069	22.671	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	508141	20.773	ng/u1	99
18) 4-Methylphenol	8.634	108	651742	21.563	ng/u1	95
19) Hexachloroethane	8.934	117	225955	18.931	ng/u1	97
22) Nitrobenzene	9.057	77	696324	19.414	ng/u1	99
23) Isophorone	9.587	82	1333535	18.235	ng/u1	100
25) 2-Nitrophenol	9.769	139	323874	19.777	ng/u1	97
26) 2,4-Dimethylphenol	9.834	107	642635	20.065	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	936664	20.288	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	601803	19.978	ng/u1	99
30) Naphthalene	10.704	128	2047937	20.367	ng/u1	100
32) 4-Chloroaniline	10.816	127	859682	22.069	ng/u1	100
33) Hexachlorobutadiene	10.987	225	392614	19.461	ng/u1	98
34) Caprolactam	11.593	113	170853	18.497	ng/u1	98
35) 4-Chloro-3-methylphenol	11.940	107	662339	19.627	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	1418905	19.919	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1438039	19.990	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	788334	20.254	ng/ul	98
40) Hexachlorocyclopentadiene	12.657	237	417794	18.109	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	496808	19.841	ng/ul	100
42) 2,4,5-Trichlorophenol	12.987	196	532745	19.625	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	1888451	20.353	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1512952	20.646	ng/ul	99
45) 2-Nitroaniline	13.569	65	402165	20.244	ng/ul	96
47) Dimethylphthalate	13.951	163	1875758	19.902	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	351974	19.766	ng/ul	97
50) Acenaphthylene	14.204	152	2445275	20.628	ng/ul	100
51) 3-Nitroaniline	14.392	138	367765	20.689	ng/ul	97
52) Acenaphthene	14.551	153	1609342	20.533	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	141377	14.980	ng/ul	99
55) 4-Nitrophenol	14.698	109	234486	19.747	ng/ul	99
56) Dibenzofuran	14.881	168	2209056	20.279	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	499416	19.938	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.110	232	433691	19.047	ng/ul	98
59) Diethylphthalate	15.316	149	1812001	19.647	ng/ul	100
61) Fluorene	15.534	166	1774085	20.582	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	917541	20.297	ng/ul	97
63) 4-Nitroaniline	15.557	138	354747	20.949	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	259408	18.236	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	1499799	20.397	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	532049	18.992	ng/ul	100
69) Hexachlorobenzene	16.533	284	622719	19.909	ng/ul	100
70) Atrazine	16.698	200	471858	21.584	ng/ul	99
71) Pentachlorophenol	16.881	266	339769	18.265	ng/ul	99
72) Phenanthrene	17.275	178	2739152	20.439	ng/ul	100
74) Anthracene	17.363	178	2764149	20.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	790443	20.601	ng/ul	99
76) Pentachlorobenzene	14.798	250	770420	20.441	ng/ul	99
77) Carbazole	17.639	167	2333628	21.796	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2832488	19.868	ng/ul	100
80) Fluoranthene	19.239	202	2912129	20.964	ng/ul	100
82) Pyrene	19.592	202	2993850	21.364	ng/ul	99
83) Butylbenzylphthalate	20.474	149	984708	19.194	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	704348	19.199	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2456179	20.044	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1316755	18.674	ng/ul	100
87) Chrysene	21.351	228	2288262	20.278	ng/ul	100
89) Di-n-octyl phthalate	22.151	149	1835747	17.540	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	2050418	19.400	ng/ul	98
91) Benzo(k)fluoranthene	23.015	252	2105210	20.586	ng/ul	100
93) Benzo(a)pyrene	23.586	252	1980614	20.509	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.157	276	2459544	21.316	ng/ul	99
95) Dibenzo(a,h)anthracene	26.180	278	2057920	21.440	ng/ul	98
96) Benzo(g,h,i)perylene	26.915	276	1979706	21.319	ng/ul	98

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

