

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
 Data File : BP008545.D
 Acq On : 24 Dec 2021 02:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020731

Quant Time: Dec 24 03:43:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 14:48:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	429110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	1648640	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	1002194	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1976492	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	2039649	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	2241733	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	75523	7.933	ng/uL	0.00
4) Pyridine-d5	3.758	84	527584	19.803	ng/u1	0.00
7) Phenol-d5	7.058	99	622041	18.171	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	380381	19.564	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	520073	19.098	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	475170	17.303	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	224632	19.255	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	211307	19.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	516076	19.655	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	659387	18.193	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1352863	18.270	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1816205	19.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	214129	18.243	ng/u1	0.00
60) Fluorene-d10	15.522	176	1170828	18.212	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	137179	15.767	ng/u1	0.00
73) Anthracene-d10	17.381	188	1752829	18.715	ng/u1	0.00
81) Pyrene-d10	19.604	212	1956632	16.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	2240220	19.416	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	76865	7.468	ng/uL	97
5) Pyridine	3.776	79	433973	15.875	ng/u1	99
6) Benzaldehyde	7.034	77	393698	20.177	ng/u1	97
8) Phenol	7.087	94	646872	18.391	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	510430	18.132	ng/u1	98
12) 2-Chlorophenol	7.464	128	537823	18.923	ng/u1	98
13) 2-Methylphenol	8.340	108	476913	17.500	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	577002	17.794	ng/u1	99
16) Acetophenone	8.722	105	775016	18.244	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.711	70	362356	17.137	ng/u1	99
18) 4-Methylphenol	8.669	108	515145	17.656	ng/u1	98
19) Hexachloroethane	8.993	117	212261	18.346	ng/u1	97
22) Nitrobenzene	9.099	77	524643	19.490	ng/u1	99
23) Isophorone	9.628	82	939385	16.641	ng/u1	99
25) 2-Nitrophenol	9.810	139	245629	19.954	ng/u1	99
26) 2,4-Dimethylphenol	9.875	107	545040	18.735	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	620216	17.577	ng/u1	98
29) 2,4-Dichlorophenol	10.346	162	506716	19.240	ng/u1	99
30) Naphthalene	10.758	128	1662140	19.047	ng/u1	100
32) 4-Chloroaniline	10.858	127	686457	18.677	ng/u1	99
33) Hexachlorobutadiene	11.057	225	345892	18.941	ng/u1	98
34) Caprolactam	11.610	113	132216	17.619	ng/u1	98
35) 4-Chloro-3-methylphenol	11.981	107	452414	17.521	ng/u1	96
36) 2-Methylnaphthalene	12.363	142	1198677	19.412	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1098324	17.471	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	636573	19.679	ng/ul	97
40) Hexachlorocyclopentadiene	12.722	237	393550	18.178	ng/ul	99
41) 2,4,6-Trichlorophenol	12.963	196	363296	19.778	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	397966	19.909	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	1418803	18.263	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1165069	19.451	ng/ul	98
45) 2-Nitroaniline	13.604	65	231278	19.210	ng/ul	96
47) Dimethylphthalate	13.987	163	1350473	18.280	ng/ul	100
48) 2,6-Dinitrotoluene	14.099	165	277233	21.111	ng/ul	94
50) Acenaphthylene	14.251	152	1793355	18.930	ng/ul	99
51) 3-Nitroaniline	14.422	138	281387	20.793	ng/ul#	94
52) Acenaphthene	14.598	153	1181870	19.105	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	86404	15.588	ng/ul	97
55) 4-Nitrophenol	14.722	109	154900	18.981	ng/ul	97
56) Dibenzofuran	14.928	168	1699337	18.786	ng/ul	100
57) 2,4-Dinitrotoluene	14.887	165	350135	19.270	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	311249	20.044	ng/ul	99
59) Diethylphthalate	15.357	149	1254546	17.386	ng/ul	100
61) Fluorene	15.581	166	1354274	18.791	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	695090	18.183	ng/ul	99
63) 4-Nitroaniline	15.581	138	280947	22.651	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.646	198	147667	16.040	ng/ul	99
67) N-Nitrosodiphenylamine	15.787	169	1162454	19.232	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	409571	18.068	ng/ul	97
69) Hexachlorobenzene	16.587	284	480979	18.224	ng/ul	98
70) Atrazine	16.740	200	388387	16.934	ng/ul	97
71) Pentachlorophenol	16.928	266	232945	17.268	ng/ul	98
72) Phenanthrene	17.322	178	2087909	19.180	ng/ul	100
74) Anthracene	17.416	178	2122354	19.443	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	611994	18.253	ng/ul	99
76) Pentachlorobenzene	14.851	250	575934	18.712	ng/ul	99
77) Carbazole	17.681	167	1884031	20.255	ng/ul	98
78) Di-n-butylphthalate	18.245	149	1982384	18.253	ng/ul	99
80) Fluoranthene	19.286	202	2357357	16.222	ng/ul	97
82) Pyrene	19.634	202	2515774	17.181	ng/ul	97
83) Butylbenzylphthalate	20.516	149	824197	16.607	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.275	252	918708	21.266	ng/ul	99
85) Benzo(a)anthracene	21.345	228	2479448	18.830	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1342492	17.822	ng/ul	99
87) Chrysene	21.398	228	2402915	18.900	ng/ul	100
89) Di-n-octyl phthalate	22.222	149	2149759	15.059	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2685653	18.079	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	2593968	18.093	ng/ul	100
93) Benzo(a)pyrene	23.680	252	2610594	18.360	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.321	276	3197167	20.390	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	2727887	20.049	ng/ul	100
96) Benzo(g,h,i)perylene	27.092	276	2648122	20.433	ng/ul	99

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

