

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
 Data File : BP006942.D
 Acq On : 10 Sep 2021 15:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020690

Quant Time: Sep 10 17:00:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 09 11:07:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	295348	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	1186512	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	722912	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1463483	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	1471063	20.000	ng/u1	# 0.00
88) Perylene-d12	23.827	264	1487800	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	57896	7.801	ng/uL	0.00
4) Pyridine-d5	3.787	84	394134	20.379	ng/u1	0.00
7) Phenol-d5	7.093	99	436885	20.126	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	255082	20.461	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	350083	19.977	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	332213	19.489	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	147744	20.558	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	145870	20.616	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	330546	19.813	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	446373	19.347	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	910469	19.446	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	1164146	19.632	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	153715	18.897	ng/u1	0.00
60) Fluorene-d10	15.551	176	791807	19.161	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	106378	16.431	ng/u1	0.00
73) Anthracene-d10	17.410	188	1205822	19.902	ng/u1	0.00
81) Pyrene-d10	19.639	212	1346958	19.551	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1405700	19.585	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	65043	7.876	ng/uL#	86
5) Pyridine	3.811	79	396705	20.448	ng/u1	87
6) Benzaldehyde	7.075	77	285508	20.641	ng/u1	90
8) Phenol	7.122	94	458560	20.436	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.358	93	359207	19.995	ng/u1	98
12) 2-Chlorophenol	7.499	128	366378	20.379	ng/u1	93
13) 2-Methylphenol	8.375	108	333365	19.563	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	437151	21.067	ng/u1	96
16) Acetophenone	8.757	105	531989	20.350	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.746	70	251332	20.634	ng/u1	96
18) 4-Methylphenol	8.705	108	362364	19.827	ng/u1	97
19) Hexachloroethane	9.022	117	144948	19.798	ng/u1#	81
22) Nitrobenzene	9.134	77	367068	21.107	ng/u1	92
23) Isophorone	9.663	82	689027	19.948	ng/u1	95
25) 2-Nitrophenol	9.852	139	167417	21.170	ng/u1	86
26) 2,4-Dimethylphenol	9.904	107	381510	19.912	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.146	93	456090	19.948	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	331678	20.074	ng/u1	95
30) Naphthalene	10.787	128	1131987	19.668	ng/u1	100
32) 4-Chloroaniline	10.893	127	466488	19.851	ng/u1	99
33) Hexachlorobutadiene	11.081	225	214673	18.834	ng/u1	97
34) Caprolactam	11.663	113	92869	18.857	ng/u1	96
35) 4-Chloro-3-methylphenol	12.010	107	327483	19.542	ng/u1	93
36) 2-Methylnaphthalene	12.393	142	743921	19.279	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	756882	19.228	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	397108	19.184	ng/ul#	95
40) Hexachlorocyclopentadiene	12.746	237	230657	17.265	ng/ul	100
41) 2,4,6-Trichlorophenol	12.998	196	239160	19.961	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	269001	20.140	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	1002880	19.924	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	767768	19.784	ng/ul	92
45) 2-Nitroaniline	13.640	65	174102	22.074	ng/ul#	84
47) Dimethylphthalate	14.016	163	912329	19.320	ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	159423	20.215	ng/ul#	83
50) Acenaphthylene	14.281	152	1233391	20.046	ng/ul	99
51) 3-Nitroaniline	14.457	138	176306	19.502	ng/ul	88
52) Acenaphthene	14.628	153	796586	19.552	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	55057	12.427	ng/ul#	77
55) 4-Nitrophenol	14.757	109	118670	19.848	ng/ul#	85
56) Dibenzofuran	14.957	168	1157436	19.687	ng/ul	87
57) 2,4-Dinitrotoluene	14.916	165	232322	20.614	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.181	232	194838	18.103	ng/ul#	80
59) Diethylphthalate	15.381	149	890453	19.367	ng/ul	95
61) Fluorene	15.610	166	920677	19.648	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.604	204	458500	19.194	ng/ul#	81
63) 4-Nitroaniline	15.622	138	182297	20.197	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.681	198	112045	16.998	ng/ul#	78
67) N-Nitrosodiphenylamine	15.816	169	784589	20.356	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	262153	18.947	ng/ul#	85
69) Hexachlorobenzene	16.616	284	301896	18.817	ng/ul#	86
70) Atrazine	16.769	200	273333	18.726	ng/ul	95
71) Pentachlorophenol	16.957	266	131056	14.261	ng/ul	98
72) Phenanthrene	17.351	178	1445955	19.834	ng/ul	99
74) Anthracene	17.445	178	1455389	20.084	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	417014	20.330	ng/ul	98
76) Pentachlorobenzene	14.881	250	386877	19.485	ng/ul	99
77) Carbazole	17.710	167	1305005	20.263	ng/ul	98
78) Di-n-butylphthalate	18.269	149	1427587	19.558	ng/ul	98
80) Fluoranthene	19.316	202	1671982	19.513	ng/ul	94
82) Pyrene	19.669	202	1757019	19.991	ng/ul#	92
83) Butylbenzylphthalate	20.539	149	596487	19.491	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.310	252	522599	17.121	ng/ul#	97
85) Benzo(a)anthracene	21.374	228	1695938	19.801	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	916988	20.099	ng/ul	96
87) Chrysene	21.427	228	1644869	19.407	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	1509084	19.626	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1706901	19.607	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	1632712	20.036	ng/ul	98
93) Benzo(a)pyrene	23.716	252	1675156	19.999	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	1895007	19.503	ng/ul	97
95) Dibenzo(a,h)anthracene	26.392	278	1639319	19.500	ng/ul	97
96) Benzo(g,h,i)perylene	27.157	276	1585821	19.030	ng/ul	96

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

