

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
 Data File : BP007719.D
 Acq On : 27 Oct 2021 14:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020720

Quant Time: Oct 27 15:33:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 25 16:57:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	285729	20.000	ng/u1	0.00
20) Naphthalene-d8	10.739	136	1139782	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	740969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.327	188	1573333	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	1630603	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	1768751	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	42257	6.718	ng/uL	0.00
4) Pyridine-d5	3.781	84	317626	16.698	ng/u1	0.00
7) Phenol-d5	7.098	99	374114	17.238	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	215349	17.872	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	300120	17.780	ng/u1	-0.01
15) 4-Methylphenol-d8	8.645	113	292185	17.194	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	136658	17.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	144606	17.046	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	303589	17.581	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.869	131	394422	17.275	ng/u1	-0.01
46) Dimethylphthalate-d6	13.980	166	869919	17.332	ng/u1	-0.01
49) Acenaphthylene-d8	14.263	160	1075436	17.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	154104	16.750	ng/u1	-0.01
60) Fluorene-d10	15.563	176	735189	17.375	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.680	200	125047	14.859	ng/u1	0.00
73) Anthracene-d10	17.427	188	1133484	17.531	ng/u1	0.00
81) Pyrene-d10	19.663	212	1348868	17.768	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.709	264	1498655	17.248	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	46420	6.601	ng/uL	90
5) Pyridine	3.799	79	322394	17.303	ng/u1	97
6) Benzaldehyde	7.069	77	232752	22.308	ng/u1	98
8) Phenol	7.122	94	385324	17.573	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.351	93	303704	17.568	ng/u1	99
12) 2-Chlorophenol	7.498	128	305316	17.842	ng/u1	97
13) 2-Methylphenol	8.381	108	284279	17.163	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	361047	18.388	ng/u1	99
16) Acetophenone	8.757	105	452098	17.825	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.745	70	218612	18.122	ng/u1	94
18) 4-Methylphenol	8.704	108	313352	17.740	ng/u1	99
19) Hexachloroethane	9.022	117	123204	17.593	ng/u1	89
22) Nitrobenzene	9.134	77	333076	18.174	ng/u1	97
23) Isophorone	9.663	82	618521	17.642	ng/u1	98
25) 2-Nitrophenol	9.845	139	161370	17.673	ng/u1	96
26) 2,4-Dimethylphenol	9.910	107	349153	17.960	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.145	93	398474	17.729	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	299653	17.713	ng/u1	96
30) Naphthalene	10.787	128	934891	17.374	ng/u1	99
32) 4-Chloroaniline	10.892	127	402632	17.325	ng/u1	99
33) Hexachlorobutadiene	11.087	225	206428	16.737	ng/u1	99
34) Caprolactam	11.663	113	89584	16.150	ng/u1	95
35) 4-Chloro-3-methylphenol	12.022	107	312769	17.858	ng/u1	98
36) 2-Methylnaphthalene	12.398	142	650275	17.578	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	658473	17.628	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	385780	17.164	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	214749	14.734	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	239340	16.924	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	262313	17.227	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	885063	17.290	ng/ul	100
44) 2-Chloronaphthalene	13.445	162	674957	17.015	ng/ul	99
45) 2-Nitroaniline	13.645	65	177059	17.692	ng/ul	94
47) Dimethylphthalate	14.028	163	864778	17.432	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	165029	17.416	ng/ul	94
50) Acenaphthylene	14.292	152	1085875	17.435	ng/ul	100
51) 3-Nitroaniline	14.469	138	175895	17.502	ng/ul#	94
52) Acenaphthene	14.633	153	710209	17.290	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	76367	12.913	ng/ul	94
55) 4-Nitrophenol	14.775	109	128651	15.817	ng/ul	99
56) Dibenzofuran	14.969	168	1047681	17.448	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	241801	17.768	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.198	232	212871	17.151	ng/ul	97
59) Diethylphthalate	15.398	149	846849	17.405	ng/ul	99
61) Fluorene	15.622	166	819604	17.511	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	423589	17.065	ng/ul	99
63) 4-Nitroaniline	15.633	138	172994	18.542	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	129555	15.294	ng/ul	98
67) N-Nitrosodiphenylamine	15.827	169	721064	17.764	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	261467	17.044	ng/ul	94
69) Hexachlorobenzene	16.633	284	300213	16.899	ng/ul	96
70) Atrazine	16.786	200	278186	16.529	ng/ul	99
71) Pentachlorophenol	16.974	266	170428	15.448	ng/ul	98
72) Phenanthrene	17.369	178	1331961	17.515	ng/ul	100
74) Anthracene	17.463	178	1341567	17.736	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	396322	17.229	ng/ul	97
76) Pentachlorobenzene	14.892	250	381359	17.193	ng/ul	99
77) Carbazole	17.727	167	1219558	17.465	ng/ul	100
78) Di-n-butylphthalate	18.292	149	1402759	17.546	ng/ul	99
80) Fluoranthene	19.339	202	1633758	17.560	ng/ul	98
82) Pyrene	19.686	202	1668043	17.714	ng/ul	99
83) Butylbenzylphthalate	20.568	149	636110	17.361	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	546918	18.098	ng/ul	97
85) Benzo(a)anthracene	21.404	228	1691247	17.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	941227	17.288	ng/ul	99
87) Chrysene	21.457	228	1651122	17.636	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1619522	16.438	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1763997	16.926	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1736108	17.801	ng/ul	99
93) Benzo(a)pyrene	23.756	252	1739826	17.230	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	2070198	17.211	ng/ul	100
95) Dibenzo(a,h)anthracene	26.439	278	1772458	17.196	ng/ul	100
96) Benzo(g,h,i)perylene	27.203	276	1761264	17.216	ng/ul	98

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

