

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063022\
 Data File : BP010911.D
 Acq On : 30 Jun 2022 09:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020690

Quant Time: Jul 01 02:31:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 23:12:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/01/2022
 Supervised By :mohammad ahmed 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	456389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	1812650	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	909257	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1585432	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.239	240	1520317	20.000	ng/u1	# 0.00
88) Perylene-d12	23.598	264	1710478	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	100859	8.360	ng/uL	0.00
4) Pyridine-d5	3.611	84	632325	19.689	ng/u1	0.00
7) Phenol-d5	6.881	99	714773	19.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	465428	19.699	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	607125	20.255	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	559598	19.594	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	264064	22.884	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	247072	25.880	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	475343	20.151	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	721075	18.727	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1159454	18.615	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1507514	18.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	186029	19.122	ng/u1	0.00
60) Fluorene-d10	15.357	176	1004546	18.794	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	105006	19.991	ng/u1	0.00
73) Anthracene-d10	17.222	188	1364263	19.341	ng/u1	-0.01
81) Pyrene-d10	19.475	212	1477742	17.841	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.445	264	1658484	19.621	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	103235	8.024	ng/uL#	87
5) Pyridine	3.628	79	644423	19.809	ng/u1#	73
6) Benzaldehyde	6.852	77	425363	22.314	ng/u1	96
8) Phenol	6.911	94	768675	19.893	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.140	93	616648	19.870	ng/u1	89
12) 2-Chlorophenol	7.269	128	632868	20.454	ng/u1	92
13) 2-Methylphenol	8.158	108	554533	19.277	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.246	45	810602	19.468	ng/u1#	97
16) Acetophenone	8.534	105	866435	19.754	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.522	70	414774	18.702	ng/u1	89
18) 4-Methylphenol	8.487	108	591583	19.747	ng/u1	98
19) Hexachloroethane	8.781	117	241844	19.301	ng/u1#	83
22) Nitrobenzene	8.910	77	628888	21.839	ng/u1	91
23) Isophorone	9.440	82	1074886	17.799	ng/u1	97
25) 2-Nitrophenol	9.616	139	291408	25.206	ng/u1#	81
26) 2,4-Dimethylphenol	9.687	107	620026	19.630	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.928	93	739648	19.416	ng/u1	97
29) 2,4-Dichlorophenol	10.152	162	492718	20.102	ng/u1	98
30) Naphthalene	10.552	128	1865984	19.751	ng/u1	100
32) 4-Chloroaniline	10.669	127	723237	18.958	ng/u1	99
33) Hexachlorobutadiene	10.834	225	299408	19.120	ng/u1	96
34) Caprolactam	11.451	113	124628	16.185	ng/u1	87
35) 4-Chloro-3-methylphenol	11.804	107	498452	18.763	ng/u1	94
36) 2-Methylnaphthalene	12.169	142	1154620	18.874	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1151401	18.945	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	527081	20.172	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	276090	16.675	ng/ul	96
41) 2,4,6-Trichlorophenol	12.787	196	319462	21.207	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	336618	20.823	ng/ul	100
43) 1,1'-Biphenyl	13.193	154	1427816	19.947	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	1073791	19.914	ng/ul	98
45) 2-Nitroaniline	13.445	65	263661m	23.046	ng/ul	
47) Dimethylphthalate	13.828	163	1159149	18.583	ng/ul	98
48) 2,6-Dinitrotoluene	13.945	165	209059	22.369	ng/ul	92
50) Acenaphthylene	14.081	152	1694565	19.464	ng/ul	99
51) 3-Nitroaniline	14.275	138	228946	20.434	ng/ul	90
52) Acenaphthene	14.428	153	1097859	19.544	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	56928	15.867	ng/ul#	83
55) 4-Nitrophenol	14.592	109	147669	19.090	ng/ul#	80
56) Dibenzofuran	14.763	168	1492844	19.401	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	283662	22.715	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.992	232	226811	19.593	ng/ul	92
59) Diethylphthalate	15.204	149	1102662	17.781	ng/ul	99
61) Fluorene	15.416	166	1159897	18.905	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	537213	18.704	ng/ul	96
63) 4-Nitroaniline	15.445	138	217290	20.975	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.498	198	109441	19.281	ng/ul	95
67) N-Nitrosodiphenylamine	15.634	169	953361	19.854	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	299627	18.857	ng/ul	95
69) Hexachlorobenzene	16.422	284	344656	18.728	ng/ul	97
70) Atrazine	16.598	200	282290	17.731	ng/ul	98
71) Pentachlorophenol	16.775	266	149185	15.743	ng/ul	99
72) Phenanthrene	17.169	178	1674042	19.828	ng/ul	98
74) Anthracene	17.257	178	1672147	19.692	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	537481	20.544	ng/ul	97
76) Pentachlorobenzene	14.675	250	453263	20.201	ng/ul	99
77) Carbazole	17.539	167	1530514	20.023	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1548195	16.997	ng/ul	99
80) Fluoranthene	19.151	202	1788917	17.561	ng/ul#	90
82) Pyrene	19.504	202	1855625	18.038	ng/ul#	85
83) Butylbenzylphthalate	20.398	149	652064	18.007	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.163	252	610128	19.435	ng/ul#	98
85) Benzo(a)anthracene	21.222	228	1855046	19.510	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	913114	15.924	ng/ul#	97
87) Chrysene	21.274	228	1791036	19.657	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	1601320	15.772	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2080808	19.562	ng/ul#	96
91) Benzo(k)fluoranthene	22.927	252	1964672	19.432	ng/ul#	95
93) Benzo(a)pyrene	23.498	252	2057685	19.886	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.051	276	2444023	19.574	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.074	278	2115696	19.754	ng/ul#	93
96) Benzo(g,h,i)perylene	26.804	276	2066835	19.460	ng/ul#	89

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

