

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014477.D
 Acq On : 01 Apr 2023 11:07
 Operator : CG/JU
 Sample : SSTDCC020EC
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020654

Quant Time: Apr 03 00:44:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	182722	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	840924	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.663	164	571728	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	1290944	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	1199949	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	1102377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	36601	7.768	ng/uL	0.00
4) Pyridine-d5	3.817	84	272641	22.579	ng/u1	0.00
7) Phenol-d5	7.181	99	381789	22.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	240388	22.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	280040	22.992	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	316448	23.280	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	144828	21.334	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	174077	22.394	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	319506	22.569	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	410325	22.004	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	983922	21.225	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1106029	21.502	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	139008	19.849	ng/u1	0.01
60) Fluorene-d10	15.657	176	833479	21.560	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	159263	16.766	ng/u1	0.00
73) Anthracene-d10	17.528	188	1321009	21.144	ng/u1	0.00
81) Pyrene-d10	19.757	212	1570797	19.489	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1264107	21.583	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	40247	7.773	ng/uL	91
5) Pyridine	3.834	79	281843	22.305	ng/u1	95
6) Benzaldehyde	7.146	77	234666m	28.016	ng/u1	
8) Phenol	7.211	94	398142	22.776	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	309035	21.998	ng/u1	99
12) 2-Chlorophenol	7.575	128	287187	22.654	ng/u1	94
13) 2-Methylphenol	8.469	108	294868	22.618	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	417434	22.632	ng/u1	99
16) Acetophenone	8.846	105	511457	22.786	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	282580	23.304	ng/u1	96
18) 4-Methylphenol	8.799	108	330475	23.082	ng/u1	98
19) Hexachloroethane	9.093	117	123091	22.223	ng/u1	98
22) Nitrobenzene	9.234	77	418088	21.438	ng/u1	99
23) Isophorone	9.757	82	776349	21.596	ng/u1	100
25) 2-Nitrophenol	9.946	139	177741	21.663	ng/u1	98
26) 2,4-Dimethylphenol	10.005	107	400271	21.796	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.240	93	449220	20.842	ng/u1	98
29) 2,4-Dichlorophenol	10.487	162	310750	22.304	ng/u1	92
30) Naphthalene	10.881	128	980956	20.942	ng/u1	99
32) 4-Chloroaniline	11.004	127	422389	22.364	ng/u1	99
33) Hexachlorobutadiene	11.157	225	225728	20.451	ng/u1	99
34) Caprolactam	11.804	113	99855m	24.261	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	384039	22.411	ng/u1	97
36) 2-Methylnaphthalene	12.487	142	679529	21.406	ng/u1	98

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37) 1-Methylnaphthalene	12.710	142	678960	21.566	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.857	216	415921	20.404	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	209333	15.858	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	273207	21.659	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	290877	21.661	ng/ul	96
43) 1,1'-Biphenyl	13.493	154	951218	20.593	ng/ul	99
44) 2-Chloronaphthalene	13.540	162	751963	20.589	ng/ul	100
45) 2-Nitroaniline	13.757	65	263001	23.253	ng/ul	96
47) Dimethylphthalate	14.122	163	977944	21.099	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	202623	22.376	ng/ul	98
50) Acenaphthylene	14.387	152	1164783	21.263	ng/ul	99
51) 3-Nitroaniline	14.587	138	192528	23.732	ng/ul	98
52) Acenaphthene	14.728	153	808074	20.875	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	76362	13.022	ng/ul	92
55) 4-Nitrophenol	14.910	109	135320	19.578	ng/ul	94
56) Dibenzofuran	15.063	168	1143176	21.007	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	297896	23.191	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	261669	21.680	ng/ul	99
59) Diethylphthalate	15.481	149	1008076	21.886	ng/ul	99
61) Fluorene	15.716	166	944392	21.411	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	502813	21.218	ng/ul	99
63) 4-Nitroaniline	15.757	138	174664	26.498	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	151429	16.450	ng/ul	98
67) N-Nitrosodiphenylamine	15.922	169	794106	19.771	ng/ul	100
68) 4-Bromophenyl-phenylether	16.604	248	320194	19.932	ng/ul	98
69) Hexachlorobenzene	16.722	284	375476	20.349	ng/ul	99
70) Atrazine	16.887	200	322022	22.024	ng/ul	98
71) Pentachlorophenol	17.081	266	188669	17.650	ng/ul	100
72) Phenanthrene	17.469	178	1511918	21.051	ng/ul	100
74) Anthracene	17.563	178	1545929	21.357	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	432738	19.043	ng/ul	98
76) Pentachlorobenzene	14.981	250	436265	19.241	ng/ul	99
77) Carbazole	17.839	167	1359183	22.438	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1786661	23.457	ng/ul	100
80) Fluoranthene	19.433	202	1833142	19.236	ng/ul	99
82) Pyrene	19.786	202	1895804	19.054	ng/ul	100
83) Butylbenzylphthalate	20.639	149	838862	24.477	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	571989	21.553	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1828070	21.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1241474	26.491	ng/ul	99
87) Chrysene	21.557	228	1701567	21.193	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2040894	28.529	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1628492	21.873	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1567849	21.682	ng/ul	100
93) Benzo(a)pyrene	23.921	252	1368951	21.361	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	1650534	18.721	ng/ul	100
95) Dibenzo(a,h)anthracene	26.698	278	1365981	18.505	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	1293564	17.999	ng/ul	97

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

