

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061223\
 Data File : BP015483.D
 Acq On : 12 Jun 2023 22:33
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020746

Quant Time: Jun 12 23:50:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	149529	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	692605	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	474041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1097911	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1065741	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1156620	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	31409	7.778	ng/uL	0.00
4) Pyridine-d5	3.846	84	210544	20.073	ng/u1	0.00
7) Phenol-d5	7.246	99	272979	19.816	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	169553	20.609	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	204194	20.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	229626	20.310	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	110808	20.378	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	125055	20.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	235894	20.825	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	337832	20.778	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	763072	20.413	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	841667	20.591	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	117781	17.595	ng/u1	0.00
60) Fluorene-d10	15.728	176	647791	20.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	132042	18.984	ng/u1	0.00
73) Anthracene-d10	17.592	188	1021697	20.453	ng/u1	0.00
81) Pyrene-d10	19.810	212	1228342	21.535	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1168961	20.143	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	32910	7.716	ng/uL	90
5) Pyridine	3.869	79	220387	20.267	ng/u1	98
6) Benzaldehyde	7.228	77	87535m	16.624	ng/u1	
8) Phenol	7.275	94	283727	19.964	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.510	93	229627	20.436	ng/u1	99
12) 2-Chlorophenol	7.652	128	217686	20.629	ng/u1	99
13) 2-Methylphenol	8.540	108	224006	20.486	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	318885	21.415	ng/u1	99
16) Acetophenone	8.928	105	385091	21.343	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.904	70	203272	20.874	ng/u1	98
18) 4-Methylphenol	8.869	108	249607	20.747	ng/u1	96
19) Hexachloroethane	9.181	117	88412	19.827	ng/u1	97
22) Nitrobenzene	9.310	77	299835	20.792	ng/u1	97
23) Isophorone	9.840	82	580580	20.112	ng/u1	100
25) 2-Nitrophenol	10.028	139	137615	20.526	ng/u1	96
26) 2,4-Dimethylphenol	10.081	107	288357	20.281	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.322	93	343531	20.469	ng/u1	100
29) 2,4-Dichlorophenol	10.563	162	238601	21.185	ng/u1	98
30) Naphthalene	10.969	128	763080	20.332	ng/u1	99
32) 4-Chloroaniline	11.087	127	351971	20.921	ng/u1	97
33) Hexachlorobutadiene	11.246	225	154065	20.284	ng/u1	98
34) Caprolactam	11.863	113	79900	18.846	ng/u1	93
35) 4-Chloro-3-methylphenol	12.198	107	284737	20.866	ng/u1	99
36) 2-Methylnaphthalene	12.569	142	545851	20.688	ng/u1	100

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37) 1-Methylnaphthalene	12.787	142	546450	20.570	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.934	216	308061	20.869	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	115843	19.145	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	204510	20.816	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	224921	21.009	ng/ul	98
43) 1,1'-Biphenyl	13.569	154	760723	20.751	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	597007	20.757	ng/ul	98
45) 2-Nitroaniline	13.828	65	193435	21.014	ng/ul	100
47) Dimethylphthalate	14.187	163	791661	20.512	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	161607	20.437	ng/ul	99
50) Acenaphthylene	14.457	152	933598	20.625	ng/ul	99
51) 3-Nitroaniline	14.651	138	110905	16.990	ng/ul	99
52) Acenaphthene	14.798	153	643414	20.563	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	107036	22.502	ng/ul	97
55) 4-Nitrophenol	14.951	109	111893	17.329	ng/ul	99
56) Dibenzofuran	15.134	168	917681	20.693	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	238586	20.515	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.357	232	200257	20.717	ng/ul	99
59) Diethylphthalate	15.545	149	805746	20.370	ng/ul	99
61) Fluorene	15.786	166	749930	20.744	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	375650	20.618	ng/ul	98
63) 4-Nitroaniline	15.810	138	102794	16.602	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.869	198	139057	19.603	ng/ul	92
67) N-Nitrosodiphenylamine	15.986	169	643135	20.648	ng/ul	100
68) 4-Bromophenyl-phenylether	16.669	248	243631	20.742	ng/ul	98
69) Hexachlorobenzene	16.792	284	285684	20.619	ng/ul	96
70) Atrazine	16.939	200	254012	20.422	ng/ul	100
71) Pentachlorophenol	17.139	266	153012	19.539	ng/ul	99
72) Phenanthrene	17.533	178	1222725	20.753	ng/ul	100
74) Anthracene	17.628	178	1238424	20.716	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.540	216	317436	20.949	ng/ul	98
76) Pentachlorobenzene	15.051	250	329361	20.760	ng/ul	96
77) Carbazole	17.892	167	1106327	20.553	ng/ul	99
78) Di-n-butylphthalate	18.422	149	1432804	20.980	ng/ul	99
80) Fluoranthene	19.486	202	1504055	21.647	ng/ul	99
82) Pyrene	19.839	202	1545708	21.503	ng/ul	99
83) Butylbenzylphthalate	20.692	149	690680	21.739	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	476225	18.914	ng/ul	99
85) Benzo(a)anthracene	21.557	228	1543844	20.722	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1024688	21.820	ng/ul	100
87) Chrysene	21.610	228	1462398	20.766	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1789371	23.539	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1544663	20.689	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1511709	20.946	ng/ul	100
93) Benzo(a)pyrene	24.004	252	1293857	19.877	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	1551874	18.422	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1274673	18.573	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	1252574	18.043	ng/ul	99

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

