

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019200.D
 Acq On : 02 Jan 2024 10:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020733

Quant Time: Jan 03 01:04:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	152149	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	554186	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	326374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	737635	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	850179	20.000	ng/u1	-0.01
88) Perylene-d12	23.663	264	1021019	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	37795	8.484	ng/uL	0.00
4) Pyridine-d5	3.652	84	238489	21.329	ng/u1	0.00
7) Phenol-d5	6.975	99	274107	20.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	169466	21.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	215742	19.613	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	203537	19.161	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	93319	19.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	95394	18.425	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	203202	19.436	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	246793	19.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	535518	18.576	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	613886	19.626	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	88026	18.083	ng/u1	0.00
60) Fluorene-d10	15.434	176	483366	19.409	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	81770	16.910	ng/u1	-0.01
73) Anthracene-d10	17.298	188	770023	19.989	ng/u1	0.00
81) Pyrene-d10	19.539	212	978799	18.891	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	1153329	19.652	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	41661	8.505	ng/uL	95
5) Pyridine	3.669	79	248200	21.868	ng/u1	91
6) Benzaldehyde	6.946	77	124373	19.632	ng/u1	96
8) Phenol	6.999	94	277345	20.579	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	226320	20.755	ng/u1	98
12) 2-Chlorophenol	7.363	128	219647	19.510	ng/u1	97
13) 2-Methylphenol	8.252	108	195604	19.620	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	279954	21.764	ng/u1	99
16) Acetophenone	8.628	105	315031	19.801	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	146290	18.440	ng/u1	98
18) 4-Methylphenol	8.581	108	209160	19.491	ng/u1	95
19) Hexachloroethane	8.869	117	92719	19.635	ng/u1	95
22) Nitrobenzene	9.004	77	240271	20.529	ng/u1	99
23) Isophorone	9.534	82	390580	18.506	ng/u1	98
25) 2-Nitrophenol	9.716	139	105549	19.093	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	199116	20.460	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	274808	19.700	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	201900	19.762	ng/u1	99
30) Naphthalene	10.646	128	666214	19.939	ng/u1	99
32) 4-Chloroaniline	10.763	127	241078	19.537	ng/u1	100
33) Hexachlorobutadiene	10.922	225	151510	19.270	ng/u1	99
34) Caprolactam	11.551	113	40519	15.015	ng/u1	97
35) 4-Chloro-3-methylphenol	11.898	107	184018	18.349	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	430000	19.088	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	432875	19.055	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	266672	19.839	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	134278	17.997	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	150623	18.777	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	161306	18.943	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	564013	19.810	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	460017	20.137	ng/ul	99
45) 2-Nitroaniline	13.528	65	103834	18.933	ng/ul	89
47) Dimethylphthalate	13.904	163	532808	18.724	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	93608	17.902	ng/ul	100
50) Acenaphthylene	14.163	152	700713	19.910	ng/ul	100
51) 3-Nitroaniline	14.357	138	93417	18.274	ng/ul	95
52) Acenaphthene	14.504	153	470344	19.719	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	45839	13.607	ng/ul	97
55) 4-Nitrophenol	14.669	109	71505	18.380	ng/ul	93
56) Dibenzofuran	14.839	168	671125	19.703	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	143713	18.688	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	135554	18.220	ng/ul	97
59) Diethylphthalate	15.275	149	505708	18.329	ng/ul	99
61) Fluorene	15.492	166	537255	19.706	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	286230	19.225	ng/ul	98
63) 4-Nitroaniline	15.522	138	96698m	18.801	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	90173	17.612	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	444912	19.763	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	176156	19.214	ng/ul	98
69) Hexachlorobenzene	16.492	284	211792	18.903	ng/ul	97
70) Atrazine	16.669	200	96115	15.128	ng/ul	99
71) Pentachlorophenol	16.845	266	113490	17.252	ng/ul	98
72) Phenanthrene	17.239	178	891962	19.953	ng/ul	99
74) Anthracene	17.328	178	893319	20.073	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	261792	20.412	ng/uL	99
76) Pentachlorobenzene	14.757	250	254517	19.971	ng/uL	99
77) Carbazole	17.610	167	790355	21.351	ng/ul	100
78) Di-n-butylphthalate	18.163	149	830260	18.085	ng/ul	100
80) Fluoranthene	19.216	202	1118667	18.815	ng/ul	100
82) Pyrene	19.569	202	1187626	19.065	ng/ul	100
83) Butylbenzylphthalate	20.451	149	384204	17.267	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	398076	18.717	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1315453	19.583	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	581756	17.755	ng/ul	99
87) Chrysene	21.333	228	1236257	19.737	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1007178	17.250	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1386523	19.333	ng/ul	100
91) Benzo(k)fluoranthene	22.986	252	1396325	19.814	ng/ul	99
93) Benzo(a)pyrene	23.557	252	1323934	19.613	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.109	276	1694479	19.582	ng/ul	100
95) Dibenzo(a,h)anthracene	26.121	278	1416668	19.680	ng/ul	99
96) Benzo(g,h,i)perylene	26.856	276	1382533	19.937	ng/ul	100

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

