

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013731.D
 Acq On : 03 Feb 2023 04:02
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020752

Quant Time: Feb 03 23:12:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	331861	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	1449076	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	1069951	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	2598230	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	2838790	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	3159910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	65117	8.319	ng/uL	0.00
4) Pyridine-d5	3.911	84	498609	22.201	ng/ul	0.00
7) Phenol-d5	7.275	99	618925	21.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	372611	21.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.658	132	458214	21.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	484481	20.837	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	207723	22.471	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	248547	23.071	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	543815	21.586	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	711191	21.375	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1654998	19.623	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1889825	20.281	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	279131	19.635	ng/ul	0.00
60) Fluorene-d10	15.763	176	1531815	21.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	286882	19.703	ng/ul	0.00
73) Anthracene-d10	17.622	188	2494962	20.601	ng/ul	0.00
81) Pyrene-d10	19.839	212	3180001	20.085	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	3333273	20.664	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	69100	8.471	ng/uL	97
5) Pyridine	3.928	79	492077	21.759	ng/ul	99
6) Benzaldehyde	7.264	77	262037m	22.407	ng/ul	
8) Phenol	7.305	94	639833	21.436	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.546	93	519657	21.665	ng/ul	98
12) 2-Chlorophenol	7.693	128	463383	21.392	ng/ul	99
13) 2-Methylphenol	8.569	108	474151	20.805	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.663	45	595473	20.968	ng/ul	97
16) Acetophenone	8.963	105	775386	21.391	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.946	70	388387	21.390	ng/ul	99
18) 4-Methylphenol	8.905	108	523740	21.160	ng/ul	97
19) Hexachloroethane	9.228	117	180260	21.260	ng/ul	97
22) Nitrobenzene	9.346	77	556075	22.272	ng/ul	98
23) Isophorone	9.881	82	1177486	20.600	ng/ul	99
25) 2-Nitrophenol	10.063	139	267190	22.416	ng/ul	99
26) 2,4-Dimethylphenol	10.116	107	572838	21.270	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.358	93	724058	20.901	ng/ul	98
29) 2,4-Dichlorophenol	10.599	162	525520	21.555	ng/ul	99
30) Naphthalene	11.010	128	1561119	20.384	ng/ul	99
32) 4-Chloroaniline	11.116	127	729682	21.791	ng/ul	99
33) Hexachlorobutadiene	11.293	225	353568	20.562	ng/ul	99
34) Caprolactam	11.893	113	165653m	20.095	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	534343	20.462	ng/ul	98
36) 2-Methylnaphthalene	12.604	142	1136725	20.851	ng/ul	99

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37) 1-Methylnaphthalene	12.822	142	1153681	20.953	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	733218	20.746	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	391558	19.704	ng/ul	100
41) 2,4,6-Trichlorophenol	13.204	196	471945	20.157	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	516205	20.231	ng/ul	98
43) 1,1'-Biphenyl	13.604	154	1608322	19.853	ng/ul	98
44) 2-Chloronaphthalene	13.651	162	1273093	19.864	ng/ul	99
45) 2-Nitroaniline	13.851	65	289948	23.766	ng/ul	100
47) Dimethylphthalate	14.216	163	1619062	19.486	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	289336	24.434	ng/ul	97
50) Acenaphthylene	14.493	152	2000545	20.360	ng/ul	100
51) 3-Nitroaniline	14.669	138	259352	20.721	ng/ul	98
52) Acenaphthene	14.834	153	1389164	20.573	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	154314	16.778	ng/ul	98
55) 4-Nitrophenol	14.969	109	209034	19.289	ng/ul	97
56) Dibenzofuran	15.169	168	2054800	20.949	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	450666	24.231	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.387	232	514736	21.465	ng/ul	98
59) Diethylphthalate	15.581	149	1644121	20.611	ng/ul	100
61) Fluorene	15.816	166	1682729	21.081	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	922443	21.212	ng/ul	98
63) 4-Nitroaniline	15.834	138	247442	21.114	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.887	198	288638	19.919	ng/ul	98
67) N-Nitrosodiphenylamine	16.016	169	1457457	20.782	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	609432	20.616	ng/ul	99
69) Hexachlorobenzene	16.822	284	718326	20.713	ng/ul	99
70) Atrazine	16.969	200	590309	20.914	ng/ul	99
71) Pentachlorophenol	17.169	266	450375	20.346	ng/ul	98
72) Phenanthrene	17.569	178	2851324	20.775	ng/ul	99
74) Anthracene	17.657	178	2878626	20.708	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	723170	19.537	ng/ul	99
76) Pentachlorobenzene	15.087	250	792718	20.890	ng/ul	99
77) Carbazole	17.922	167	2564384	21.264	ng/ul	99
78) Di-n-butylphthalate	18.451	149	2856691	20.049	ng/ul	100
80) Fluoranthene	19.516	202	3689547	19.993	ng/ul	99
82) Pyrene	19.869	202	3815967	20.225	ng/ul	100
83) Butylbenzylphthalate	20.722	149	1175804	21.690	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	1250728	19.398	ng/ul	99
85) Benzo(a)anthracene	21.586	228	4062677	20.817	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1880937	20.238	ng/ul	99
87) Chrysene	21.639	228	3772854	20.533	ng/ul	100
89) Di-n-octyl phthalate	22.463	149	3287789	19.752	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	4316693	20.927	ng/ul	100
91) Benzo(k)fluoranthene	23.433	252	4107656	20.835	ng/ul	99
93) Benzo(a)pyrene	24.063	252	3702056	20.788	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.892	276	4653593	21.091	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	3832412	20.952	ng/ul	100
96) Benzo(g,h,i)perylene	27.733	276	3658916	20.962	ng/ul	100

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

