

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
 Data File : BM034206.D
 Acq On : 10 Mar 2022 18:45
 Operator : CG/JU
 Sample : SSTD01047
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010047

Quant Time: Mar 11 00:26:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:23:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2022
 Supervised By :mohammad ahmed 03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	128926	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	499391	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.595	164	324327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.330	188	649855	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	621251	20.000	ng/u1	0.00
88) Perylene-d12	23.924	264	651227	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	12235m	4.365	ng/uL	0.00
4) Pyridine-d5	3.749	84	66437	8.142	ng/u1	0.00
7) Phenol-d5	7.107	99	73212	7.247	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.272	67	49805	9.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.484	132	70674	8.440	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	65837	7.778	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	33370	8.624	ng/u1	0.00
24) 2-Nitrophenol-d4	9.842	143	36813	8.760	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.383	165	76661	8.846	ng/u1	0.00
31) 4-Chloroaniline-d4	10.895	131	86201m	7.280	ng/u1	0.00
46) Dimethylphthalate-d6	14.001	166	238169	9.677	ng/u1	0.00
49) Acenaphthylene-d8	14.289	160	294137	9.557	ng/u1	0.00
54) 4-Nitrophenol-d4	14.771	143	27008m	5.898	ng/u1	0.00
60) Fluorene-d10	15.583	176	207641	9.480	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	32235	7.686	ng/u1	0.00
73) Anthracene-d10	17.430	188	310175	9.689	ng/u1	0.00
81) Pyrene-d10	19.718	212	349750	10.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	311129	9.006	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	12005	3.956	ng/uL	94
5) Pyridine	3.766	79	70599	8.558	ng/u1	98
6) Benzaldehyde	7.084	77	51396m	9.913	ng/u1	
8) Phenol	7.131	94	72656	7.110	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.366	93	69377	8.749	ng/u1	97
12) 2-Chlorophenol	7.513	128	72675	8.402	ng/u1	97
13) 2-Methylphenol	8.395	108	59996	7.530	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.489	45	65738	9.340	ng/u1	98
16) Acetophenone	8.778	105	112575	8.441	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.760	70	54327	8.918	ng/u1	98
18) 4-Methylphenol	8.725	108	67710	7.781	ng/u1	99
19) Hexachloroethane	9.042	117	33977	9.552	ng/u1	90
22) Nitrobenzene	9.154	77	76807	8.778	ng/u1	96
23) Isophorone	9.683	82	145325	9.212	ng/u1	97
25) 2-Nitrophenol	9.872	139	37644	8.220	ng/u1	99
26) 2,4-Dimethylphenol	9.931	107	83698	9.036	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.172	93	90004	9.100	ng/u1	98
29) 2,4-Dichlorophenol	10.407	162	75634	8.830	ng/u1	99
30) Naphthalene	10.819	128	252825	9.456	ng/u1	98
32) 4-Chloroaniline	10.925	127	89548m	7.427	ng/u1	
33) Hexachlorobutadiene	11.113	225	65623	10.060	ng/u1	99
34) Caprolactam	11.677	113	18370m	7.127	ng/u1	
35) 4-Chloro-3-methylphenol	12.042	107	68013	8.126	ng/u1	97
36) 2-Methylnaphthalene	12.424	142	170809	8.907	ng/u1	99

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37) 1-Methylnaphthalene	12.642	142	178152	9.067	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.795	216	113133	9.986	ng/ul	98
40) Hexachlorocyclopentadiene	12.783	237	73089	9.556	ng/ul	96
41) 2,4,6-Trichlorophenol	13.030	196	63503	9.183	ng/ul	96
42) 2,4,5-Trichlorophenol	13.095	196	68653	9.001	ng/ul	98
43) 1,1'-Biphenyl	13.430	154	244814	9.695	ng/ul	99
44) 2-Chloronaphthalene	13.471	162	192231	9.686	ng/ul	98
45) 2-Nitroaniline	13.666	65	33266	7.284	ng/ul	98
47) Dimethylphthalate	14.048	163	229711	9.228	ng/ul	99
48) 2,6-Dinitrotoluene	14.160	165	40649	8.216	ng/ul	97
50) Acenaphthylene	14.313	152	293611	9.462	ng/ul	98
51) 3-Nitroaniline	14.489	138	32695	7.225	ng/ul	100
52) Acenaphthene	14.660	153	193529	9.420	ng/ul	99
53) 2,4-Dinitrophenol	14.689	184	19141	6.114	ng/ul	98
55) 4-Nitrophenol	14.789	109	23198m	5.841	ng/ul	
56) Dibenzofuran	14.989	168	283828	9.379	ng/ul	98
57) 2,4-Dinitrotoluene	14.942	165	57852m	7.996	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.213	232	59358	8.978	ng/ul#	98
59) Diethylphthalate	15.407	149	220165	9.010	ng/ul	99
61) Fluorene	15.636	166	226221	9.088	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.630	204	124936	9.322	ng/ul	99
63) 4-Nitroaniline	15.648	138	26750m	6.390	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.707	198	32646	7.709	ng/ul	100
67) N-Nitrosodiphenylamine	15.842	169	187758	9.690	ng/ul	99
68) 4-Bromophenyl-phenylether	16.524	248	72128	10.152	ng/ul	94
69) Hexachlorobenzene	16.642	284	92548	10.012	ng/ul	97
70) Atrazine	16.789	200	69674	8.881	ng/ul	98
71) Pentachlorophenol	16.983	266	47023	8.016	ng/ul	96
72) Phenanthrene	17.377	178	351494	9.560	ng/ul	99
74) Anthracene	17.465	178	343048	9.234	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.401	216	117706	10.570	ng/uL	99
76) Pentachlorobenzene	14.913	250	111383	10.682	ng/uL	98
77) Carbazole	17.730	167	239330	7.224	ng/ul	99
78) Di-n-butylphthalate	18.301	149	318512	8.820	ng/ul	99
80) Fluoranthene	19.383	202	395607m	9.869	ng/ul	
82) Pyrene	19.742	202	410628	9.903	ng/ul	100
83) Butylbenzylphthalate	20.642	149	122342	8.622	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.418	252	99599	8.243	ng/ul	97
85) Benzo(a)anthracene	21.483	228	355630	8.683	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.418	149	182386	8.782	ng/ul	99
87) Chrysene	21.542	228	398808	9.968	ng/ul	99
89) Di-n-octyl phthalate	22.347	149	302395	7.474	ng/ul	100
90) Benzo(b)fluoranthene	23.183	252	365848	8.116	ng/ul	98
91) Benzo(k)fluoranthene	23.236	252	398411	9.405	ng/ul	99
93) Benzo(a)pyrene	23.818	252	370373	8.751	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.447	276	386387	8.745	ng/ul	98
95) Dibenzo(a,h)anthracene	26.465	278	318923	8.365	ng/ul	98
96) Benzo(g,h,i)perylene	27.224	276	380066m	10.293	ng/ul	

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

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