

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
 Data File : BM034207.D
 Acq On : 10 Mar 2022 19:21
 Operator : CG/JU
 Sample : SSTD02048
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020048

Quant Time: Mar 11 00:26:54 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	179899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	707088	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.595	164	457812	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.336	188	950325	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	1002620	20.000	ng/u1	0.00
88) Perylene-d12	23.924	264	1074527	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	32126	8.213	ng/uL	0.00
4) Pyridine-d5	3.743	84	186761	16.403	ng/u1	0.00
7) Phenol-d5	7.107	99	225942	16.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.278	67	137790	18.161	ng/u1	0.00
11) 2-Chlorophenol-d4	7.484	132	215679	18.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	198592	16.814	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	101386	18.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.842	143	112163	18.850	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.383	165	226595	18.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.895	131	266250	15.881	ng/u1	0.00
46) Dimethylphthalate-d6	14.001	166	666532	19.186	ng/u1	0.00
49) Acenaphthylene-d8	14.289	160	846070	19.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.771	143	99360m	15.371	ng/u1	0.00
60) Fluorene-d10	15.583	176	576384	18.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.695	200	110764	18.061	ng/u1	0.00
73) Anthracene-d10	17.430	188	886950	18.947	ng/u1	0.00
81) Pyrene-d10	19.718	212	1048735	19.029	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	1065188	18.687	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	31482	7.435	ng/uL	100
5) Pyridine	3.766	79	196953	17.109	ng/u1	100
6) Benzaldehyde	7.084	77	153290	21.189	ng/u1	100
8) Phenol	7.131	94	223916	15.704	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.366	93	191822	17.336	ng/u1	100
12) 2-Chlorophenol	7.513	128	214095	17.738	ng/u1	100
13) 2-Methylphenol	8.395	108	182079	16.378	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.489	45	180244	18.352	ng/u1	100
16) Acetophenone	8.778	105	314373	16.894	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.766	70	152403	17.928	ng/u1	100
18) 4-Methylphenol	8.725	108	196370	16.172	ng/u1	100
19) Hexachloroethane	9.042	117	94028	18.944	ng/u1	100
22) Nitrobenzene	9.154	77	221778	17.901	ng/u1	100
23) Isophorone	9.689	82	413217	18.499	ng/u1	100
25) 2-Nitrophenol	9.872	139	116942	18.035	ng/u1	100
26) 2,4-Dimethylphenol	9.936	107	236657	18.045	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.172	93	254125	18.147	ng/u1	100
29) 2,4-Dichlorophenol	10.407	162	217465	17.931	ng/u1	100
30) Naphthalene	10.819	128	689090	18.202	ng/u1	100
32) 4-Chloroaniline	10.919	127	261987	15.345	ng/u1	100
33) Hexachlorobutadiene	11.113	225	176438	19.103	ng/u1	100
34) Caprolactam	11.677	113	59172m	16.214	ng/u1	100
35) 4-Chloro-3-methylphenol	12.042	107	205971	17.381	ng/u1	100
36) 2-Methylnaphthalene	12.424	142	478908	17.638	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	486708	17.495	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.795	216	309241	19.337	ng/ul	100
40) Hexachlorocyclopentadiene	12.783	237	210192	19.468	ng/ul	100
41) 2,4,6-Trichlorophenol	13.030	196	186745	19.130	ng/ul	100
42) 2,4,5-Trichlorophenol	13.095	196	200280	18.602	ng/ul	100
43) 1,1'-Biphenyl	13.430	154	664945	18.655	ng/ul	100
44) 2-Chloronaphthalene	13.471	162	522433	18.648	ng/ul	100
45) 2-Nitroaniline	13.665	65	110556	17.149	ng/ul	100
47) Dimethylphthalate	14.048	163	647710	18.433	ng/ul	100
48) 2,6-Dinitrotoluene	14.160	165	130757	18.722	ng/ul	100
50) Acenaphthylene	14.318	152	819922	18.719	ng/ul	100
51) 3-Nitroaniline	14.489	138	113089	17.704	ng/ul	100
52) Acenaphthene	14.660	153	534722	18.438	ng/ul	100
53) 2,4-Dinitrophenol	14.689	184	91354	20.673	ng/ul	100
55) 4-Nitrophenol	14.789	109	84933	15.150	ng/ul	100
56) Dibenzofuran	14.989	168	780564	18.274	ng/ul	100
57) 2,4-Dinitrotoluene	14.948	165	182409	17.861	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.212	232	174725	18.723	ng/ul	100
59) Diethylphthalate	15.407	149	628473	18.221	ng/ul	100
61) Fluorene	15.636	166	639896	18.211	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.630	204	343850	18.176	ng/ul	100
63) 4-Nitroaniline	15.648	138	97248	16.457	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.707	198	109302	17.649	ng/ul	100
67) N-Nitrosodiphenylamine	15.842	169	534118	18.849	ng/ul	100
68) 4-Bromophenyl-phenylether	16.524	248	209735	20.186	ng/ul	100
69) Hexachlorobenzene	16.642	284	261552	19.349	ng/ul	100
70) Atrazine	16.789	200	210031	18.307	ng/ul	100
71) Pentachlorophenol	16.983	266	151597	17.672	ng/ul	100
72) Phenanthrene	17.377	178	994546	18.498	ng/ul	100
74) Anthracene	17.465	178	1000121	18.408	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.401	216	316929	19.462	ng/ul	100
76) Pentachlorobenzene	14.912	250	302011	19.806	ng/ul	100
77) Carbazole	17.730	167	778504	16.069	ng/ul	100
78) Di-n-butylphthalate	18.300	149	1003190	18.997	ng/ul	100
80) Fluoranthene	19.383	202	1192183	18.429	ng/ul	100
82) Pyrene	19.747	202	1223090	18.278	ng/ul	100
83) Butylbenzylphthalate	20.641	149	426954	18.645	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.418	252	387748	19.884	ng/ul	100
85) Benzo(a)anthracene	21.488	228	1161486	17.572	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.418	149	646827	19.298	ng/ul	100
87) Chrysene	21.541	228	1221217	18.914	ng/ul	100
89) Di-n-octyl phthalate	22.347	149	1103596	16.530	ng/ul	100
90) Benzo(b)fluoranthene	23.183	252	1250895	16.818	ng/ul	100
91) Benzo(k)fluoranthene	23.235	252	1300275	18.603	ng/ul	100
93) Benzo(a)pyrene	23.818	252	1261267	18.060	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.447	276	1408909	19.325	ng/ul	100
95) Dibenzo(a,h)anthracene	26.465	278	1198528	19.053	ng/ul	100
96) Benzo(g,h,i)perylene	27.223	276	1283643	21.069	ng/ul	100

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

