

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
 Data File : BM033992.D
 Acq On : 03 Feb 2022 02:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020091

Quant Time: Feb 03 03:24:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 01 02:16:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :Yogesh Patel 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	134889	20.000	ng/u1	0.00
20) Naphthalene-d8	10.731	136	576281	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.560	164	350279	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.295	188	633012	20.000	ng/u1	-0.01
79) Chrysene-d12	21.459	240	533267	20.000	ng/u1	0.00
88) Perylene-d12	23.847	264	541481	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	26365	7.709	ng/uL	0.00
4) Pyridine-d5	3.713	84	191138	20.022	ng/u1	0.00
7) Phenol-d5	7.078	99	234084	20.714	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	145102	21.061	ng/u1	0.00
11) 2-Chlorophenol-d4	7.448	132	193708	21.395	ng/u1	-0.01
15) 4-Methylphenol-d8	8.631	113	192653	21.514	ng/u1	-0.01
21) Nitrobenzene-d5	9.084	128	97236	21.028	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.813	143	105049	21.037	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	188856	20.900	ng/u1	0.00
31) 4-Chloroaniline-d4	10.866	131	256404	20.548	ng/u1	0.00
46) Dimethylphthalate-d6	13.966	166	533592	20.385	ng/u1	-0.01
49) Acenaphthylene-d8	14.254	160	661722	20.637	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	78665	17.591	ng/u1	0.00
60) Fluorene-d10	15.548	176	432757	19.800	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.660	200	74018	18.625	ng/u1	-0.01
73) Anthracene-d10	17.395	188	615955	20.319	ng/u1	0.00
81) Pyrene-d10	19.677	212	631132	20.047	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.689	264	577737	20.314	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	28896	7.742	ng/uL#	89
5) Pyridine	3.731	79	196932	19.985	ng/u1	89
6) Benzaldehyde	7.048	77	158195	23.185	ng/u1#	84
8) Phenol	7.107	94	243726	21.031	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.337	93	193173	21.104	ng/u1	92
12) 2-Chlorophenol	7.484	128	198115	20.886	ng/u1#	89
13) 2-Methylphenol	8.366	108	186824	21.344	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.454	45	264447	21.461	ng/u1	95
16) Acetophenone	8.748	105	309123	21.745	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.737	70	159340	22.078	ng/u1#	88
18) 4-Methylphenol	8.695	108	200743	21.497	ng/u1	97
19) Hexachloroethane	9.013	117	86853	21.103	ng/u1	87
22) Nitrobenzene	9.125	77	229685	20.064	ng/u1	92
23) Isophorone	9.660	82	434718	21.159	ng/u1	95
25) 2-Nitrophenol	9.842	139	110747	20.671	ng/u1#	84
26) 2,4-Dimethylphenol	9.901	107	242274	20.731	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.142	93	265222	20.765	ng/u1	98
29) 2,4-Dichlorophenol	10.378	162	187484	20.766	ng/u1	95
30) Naphthalene	10.783	128	644231	20.210	ng/u1	99
32) 4-Chloroaniline	10.889	127	256100	20.213	ng/u1	100
33) Hexachlorobutadiene	11.078	225	134997	20.206	ng/u1	98
34) Caprolactam	11.660	113	52007	20.240	ng/u1	85
35) 4-Chloro-3-methylphenol	12.013	107	211656	20.458	ng/u1	89
36) 2-Methylnaphthalene	12.389	142	431247	20.534	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	441513	20.508	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.760	216	228029	20.469	ng/ul	100
40) Hexachlorocyclopentadiene	12.748	237	148288	18.043	ng/ul	99
41) 2,4,6-Trichlorophenol	13.001	196	145018	20.904	ng/ul	99
42) 2,4,5-Trichlorophenol	13.072	196	149812	20.358	ng/ul	95
43) 1,1'-Biphenyl	13.401	154	573709	20.432	ng/ul	98
44) 2-Chloronaphthalene	13.442	162	428071	20.220	ng/ul	98
45) 2-Nitroaniline	13.636	65	127185m	20.415	ng/ul	
47) Dimethylphthalate	14.019	163	533722	20.302	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	103967	20.720	ng/ul	98
50) Acenaphthylene	14.283	152	704653	20.611	ng/ul	99
51) 3-Nitroaniline	14.454	138	101576	20.505	ng/ul	87
52) Acenaphthene	14.624	153	452120	20.200	ng/ul	97
53) 2,4-Dinitrophenol	14.666	184	48436	15.819	ng/ul	88
55) 4-Nitrophenol	14.760	109	76268m	17.666	ng/ul	
56) Dibenzofuran	14.954	168	629852	19.997	ng/ul	99
57) 2,4-Dinitrotoluene	14.913	165	144588	20.195	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.183	232	119960	19.813	ng/ul	97
59) Diethylphthalate	15.377	149	536408	20.033	ng/ul	99
61) Fluorene	15.601	166	499699	19.823	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.595	204	258798	20.099	ng/ul	98
63) 4-Nitroaniline	15.613	138	99401	20.802	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.677	198	74428	18.744	ng/ul	94
67) N-Nitrosodiphenylamine	15.807	169	415987	21.177	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	146821	21.466	ng/ul	99
69) Hexachlorobenzene	16.607	284	164278	21.006	ng/ul	95
70) Atrazine	16.754	200	148667	20.113	ng/ul	97
71) Pentachlorophenol	16.948	266	96246	19.188	ng/ul	97
72) Phenanthrene	17.336	178	719903	20.224	ng/ul	99
74) Anthracene	17.430	178	733883	20.515	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.366	216	245022	22.148	ng/uL	96
76) Pentachlorobenzene	14.877	250	212984	21.596	ng/uL	99
77) Carbazole	17.695	167	617090	19.488	ng/ul	98
78) Di-n-butylphthalate	18.259	149	821599	20.867	ng/ul	98
80) Fluoranthene	19.348	202	769337	20.415	ng/ul	99
82) Pyrene	19.706	202	774816	20.116	ng/ul	100
83) Butylbenzylphthalate	20.600	149	333023	21.220	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.377	252	242153	22.819	ng/ul	96
85) Benzo(a)anthracene	21.442	228	704942	20.406	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.371	149	493758	21.574	ng/ul	100
87) Chrysene	21.495	228	681920	20.199	ng/ul	98
89) Di-n-octyl phthalate	22.289	149	814722	20.779	ng/ul	100
90) Benzo(b)fluoranthene	23.118	252	736014	20.010	ng/ul	100
91) Benzo(k)fluoranthene	23.165	252	661006	19.574	ng/ul	99
93) Benzo(a)pyrene	23.741	252	696800	20.034	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.335	276	822355	20.455	ng/ul	98
95) Dibenzo(a,h)anthracene	26.353	278	711034	20.434	ng/ul	98
96) Benzo(g,h,i)perylene	27.100	276	694310	20.540	ng/ul	100

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

