

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034712.D
 Acq On : 15 Apr 2022 21:51
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020116

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 08:42:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 05:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	305268	20.000	ng/u1	0.00
20) Naphthalene-d8	10.660	136	1386930	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.501	164	827087	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.248	188	1647657	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.430	240	1652643	20.000	ng/u1	# 0.00
88) Perylene-d12	23.800	264	1654032	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	60618	7.081	ng/uL	0.00
4) Pyridine-d5	3.660	84	347343	16.813	ng/u1	0.00
7) Phenol-d5	7.025	99	535515	21.077	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.184	67	367749	21.721	ng/u1	0.00
11) 2-Chlorophenol-d4	7.384	132	425430	21.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.572	113	426708	21.500	ng/u1	0.00
21) Nitrobenzene-d5	9.019	128	208444	20.449	ng/u1	0.00
24) 2-Nitrophenol-d4	9.742	143	228454	21.527	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.289	165	407854	20.410	ng/u1	0.00
31) 4-Chloroaniline-d4	10.801	131	479459	17.391	ng/u1	0.00
46) Dimethylphthalate-d6	13.918	166	1146374	19.182	ng/u1	0.00
49) Acenaphthylene-d8	14.195	160	1528637	19.901	ng/u1	0.00
54) 4-Nitrophenol-d4	14.713	143	164107	18.009	ng/u1	0.00
60) Fluorene-d10	15.495	176	980809	18.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.618	200	155653	15.475	ng/u1	0.00
73) Anthracene-d10	17.348	188	1516754	19.308	ng/u1	0.00
81) Pyrene-d10	19.636	212	1717854	19.045	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.647	264	1634697	19.647	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.266	88	61449	7.129	ng/uL#	73
5) Pyridine	3.678	79	387229	17.153	ng/u1#	71
6) Benzaldehyde	6.990	77	234829m	15.076	ng/u1	
8) Phenol	7.048	94	538003	20.960	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.272	93	440307	21.256	ng/u1#	85
12) 2-Chlorophenol	7.419	128	428522	21.403	ng/u1#	87
13) 2-Methylphenol	8.307	108	414257	21.832	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.384	45	685399	22.130	ng/u1#	84
16) Acetophenone	8.678	105	679116	21.922	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.672	70	364881	22.128	ng/u1#	85
18) 4-Methylphenol	8.636	108	437989	21.698	ng/u1	96
19) Hexachloroethane	8.936	117	182597	20.276	ng/u1	84
22) Nitrobenzene	9.060	77	536815	20.089	ng/u1	92
23) Isophorone	9.589	82	975481	20.557	ng/u1#	92
25) 2-Nitrophenol	9.772	139	240153	21.128	ng/u1#	89
26) 2,4-Dimethylphenol	9.842	107	504614	20.001	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.072	93	579871	20.311	ng/u1	98
29) 2,4-Dichlorophenol	10.313	162	393841	19.969	ng/u1#	94
30) Naphthalene	10.713	128	1391796	19.276	ng/u1	99
32) 4-Chloroaniline	10.825	127	464438	16.815	ng/u1	99
33) Hexachlorobutadiene	11.001	225	250542	18.069	ng/u1	97
34) Caprolactam	11.619	113	78586m	12.265	ng/u1	
35) 4-Chloro-3-methylphenol	11.960	107	423138	20.667	ng/u1	90
36) 2-Methylnaphthalene	12.324	142	928442	20.063	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.548	142	937881	19.755	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.701	216	467707	18.892	ng/ul#	98
40) Hexachlorocyclopentadiene	12.677	237	269462	16.586	ng/ul	95
41) 2,4,6-Trichlorophenol	12.942	196	293849	19.539	ng/ul	96
42) 2,4,5-Trichlorophenol	13.019	196	298909	19.180	ng/ul	100
43) 1,1'-Biphenyl	13.336	154	1232389	19.670	ng/ul#	97
44) 2-Chloronaphthalene	13.377	162	948558	19.720	ng/ul	96
45) 2-Nitroaniline	13.589	65	290237	22.128	ng/ul#	83
47) Dimethylphthalate	13.966	163	1117835	19.007	ng/ul	99
48) 2,6-Dinitrotoluene	14.083	165	239946	21.237	ng/ul	89
50) Acenaphthylene	14.224	152	1510838	19.374	ng/ul	99
51) 3-Nitroaniline	14.413	138	192405	19.478	ng/ul	85
52) Acenaphthene	14.565	153	995275	19.170	ng/ul	99
53) 2,4-Dinitrophenol	14.618	184	59738	9.382	ng/ul#	76
55) 4-Nitrophenol	14.730	109	146504	18.826	ng/ul#	85
56) Dibenzofuran	14.901	168	1371828	19.441	ng/ul	95
57) 2,4-Dinitrotoluene	14.871	165	326663	20.772	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.130	232	263765	19.277	ng/ul#	87
59) Diethylphthalate	15.324	149	1149693	19.245	ng/ul	98
61) Fluorene	15.548	166	1153363	19.373	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.542	204	548083	19.073	ng/ul	90
63) 4-Nitroaniline	15.577	138	142093	16.336	ng/ul#	95
66) 4,6-Dinitro-2-methylph...	15.636	198	150646	15.020	ng/ul#	87
67) N-Nitrosodiphenylamine	15.760	169	946861	19.289	ng/ul	98
68) 4-Bromophenyl-phenylether	16.436	248	329797	19.363	ng/ul#	92
69) Hexachlorobenzene	16.559	284	378155	18.487	ng/ul	94
70) Atrazine	16.712	200	314950	17.145	ng/ul	98
71) Pentachlorophenol	16.901	266	169257	13.514	ng/ul	97
72) Phenanthrene	17.289	178	1739289	18.918	ng/ul	99
74) Anthracene	17.383	178	1759697	19.315	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.307	216	484306	18.715	ng/ul	100
76) Pentachlorobenzene	14.824	250	453805	18.687	ng/ul	99
77) Carbazole	17.654	167	1454371	19.297	ng/ul	98
78) Di-n-butylphthalate	18.218	149	1864697	19.494	ng/ul	99
80) Fluoranthene	19.306	202	1998802	20.024	ng/ul#	90
82) Pyrene	19.665	202	2074660	19.122	ng/ul#	86
83) Butylbenzylphthalate	20.565	149	843113	19.850	ng/ul#	86
84) 3,3'-Dichlorobenzidine	21.353	252	184397	6.366	ng/ul#	97
85) Benzo(a)anthracene	21.412	228	1951566	20.309	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	1232313	19.385	ng/ul#	97
87) Chrysene	21.465	228	1987584	19.182	ng/ul	99
89) Di-n-octyl phthalate	22.253	149	2122305	19.274	ng/ul	100
90) Benzo(b)fluoranthene	23.077	252	2035676	20.712	ng/ul#	97
91) Benzo(k)fluoranthene	23.124	252	2010193	19.476	ng/ul#	97
93) Benzo(a)pyrene	23.694	252	1959638	20.174	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.265	276	1826758	17.573	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.276	278	1253299	14.706	ng/ul#	95
96) Benzo(g,h,i)perylene	27.018	276	1878733	18.829	ng/ul#	94

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

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