

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
 Data File : BN018613.D
 Acq On : 15 Feb 2022 14:02
 Operator : CG/JU
 Sample : SSTD08020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080227

Quant Time: Feb 15 17:43:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 15 17:38:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 02/16/2022

Supervised By :mohammad
 ahmed
 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	208628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.713	136	784162	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.543	164	440765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	767006	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.458	240	786227	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	662497	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	141101	29.803	ng/uL	0.02
4) Pyridine-d5	3.685	84	1223644	76.266	ng/u1	0.00
7) Phenol-d5	7.064	99	1340664	79.295	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.222	67	778604	75.830	ng/u1	0.00
11) 2-Chlorophenol-d4	7.425	132	1030872	76.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.619	113	1021558	78.366	ng/u1	0.02
21) Nitrobenzene-d5	9.069	128	503580	85.473	ng/u1	0.02
24) 2-Nitrophenol-d4	9.790	143	558123	87.760	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	976719	79.848	ng/u1	0.00
31) 4-Chloroaniline-d4	10.849	131	1228999	76.791	ng/u1	0.02
46) Dimethylphthalate-d6	13.957	166	2342790	74.288	ng/u1	0.02
49) Acenaphthylene-d8	14.227	160	3059557	70.846	ng/u1	0.00
54) 4-Nitrophenol-d4	14.723	143	409420	77.065	ng/u1	0.00
60) Fluorene-d10	15.534	176	2002995	75.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	418693	90.455	ng/u1	0.00
73) Anthracene-d10	17.381	188	2909713	77.724	ng/u1	0.00
81) Pyrene-d10	19.679	212	2870063	74.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.711	264	2807780	81.807	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.303	88	184619	30.367	ng/uL 89
5) Pyridine	3.708	79	1202260	76.347	ng/u1 96
6) Benzaldehyde	7.019	77	488447m	51.577	ng/u1
8) Phenol	7.087	94	1410785	82.353	ng/u1 95
10) Bis(2-Chloroethyl)ether	7.312	93	1001822	70.959	ng/u1 95
12) 2-Chlorophenol	7.470	128	1119178	80.851	ng/u1# 88
13) 2-Methylphenol	8.348	108	1030204	81.056	ng/u1 97
14) 2,2'-oxybis(1-Chloropr...	8.438	45	1398045	73.847	ng/u1 99
16) Acetophenone	8.731	105	1483377	75.759	ng/u1 95
17) N-Nitroso-di-n-propyla...	8.731	70	791613	79.457	ng/u1# 94
18) 4-Methylphenol	8.686	108	1077383	78.367	ng/u1 96
19) Hexachloroethane	9.001	117	453670	78.202	ng/u1 85
22) Nitrobenzene	9.114	77	1196686	80.426	ng/u1# 89
23) Isophorone	9.632	82	2055329	80.648	ng/u1 99
25) 2-Nitrophenol	9.812	139	554086	78.939	ng/u1# 86
26) 2,4-Dimethylphenol	9.880	107	1164973	78.422	ng/u1 96
27) Bis(2-Chloroethoxy)met...	10.128	93	1287491	75.151	ng/u1# 98
29) 2,4-Dichlorophenol	10.353	162	954503	74.996	ng/u1 97
30) Naphthalene	10.758	128	3093882	71.600	ng/u1 99
32) 4-Chloroaniline	10.871	127	1252076	75.865	ng/u1 98
33) Hexachlorobutadiene	11.051	225	665755	74.674	ng/u1 99
34) Caprolactam	11.637	113	271490m	81.598	ng/u1
35) 4-Chloro-3-methylphenol	11.997	107	1005527	79.640	ng/u1 94
36) 2-Methylnaphthalene	12.380	142	2076064	75.490	ng/u1 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	1990380	68.507	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.741	216	1111234	70.044	ng/ul#	96
40) Hexachlorocyclopentadiene	12.741	237	776671	79.688	ng/ul	99
41) 2,4,6-Trichlorophenol	12.966	196	691500m	78.929	ng/ul	
42) 2,4,5-Trichlorophenol	13.056	196	755747	80.387	ng/ul	96
43) 1,1'-Biphenyl	13.371	154	2525005	67.169	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	2016898	69.414	ng/ul	93
45) 2-Nitroaniline	13.619	65	627321	94.080	ng/ul#	77
47) Dimethylphthalate	14.002	163	2398601	76.944	ng/ul	99
48) 2,6-Dinitrotoluene	14.115	165	546105	95.952	ng/ul	89
50) Acenaphthylene	14.272	152	3059710	72.794	ng/ul	99
51) 3-Nitroaniline	14.430	138	438897	77.555	ng/ul	93
52) Acenaphthene	14.610	153	2075382	76.352	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	293886	80.914	ng/ul#	77
55) 4-Nitrophenol	14.745	109	412318	85.107	ng/ul#	81
56) Dibenzofuran	14.948	168	2749445	69.931	ng/ul	97
57) 2,4-Dinitrotoluene	14.903	165	667767	79.488	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.173	232	551873	78.795	ng/ul#	81
59) Diethylphthalate	15.354	149	2298333	72.502	ng/ul	97
61) Fluorene	15.579	166	1935566	60.126	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.579	204	1126509	67.856	ng/ul	92
63) 4-Nitroaniline	15.601	138	358691	78.323	ng/ul#	92
66) 4,6-Dinitro-2-methylph...	15.669	198	353835	70.284	ng/ul#	73
67) N-Nitrosodiphenylamine	15.782	169	1768198	65.834	ng/ul	96
68) 4-Bromophenyl-phenylether	16.480	248	666302	81.455	ng/ul#	80
69) Hexachlorobenzene	16.593	284	791114	72.263	ng/ul	91
70) Atrazine	16.728	200	625124	66.929	ng/ul	92
71) Pentachlorophenol	16.930	266	540559	86.551	ng/ul	96
72) Phenanthrene	17.313	178	3198965	68.970	ng/ul	98
74) Anthracene	17.403	178	3056666	66.710	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	1246935	79.291	ng/ul	98
76) Pentachlorobenzene	14.858	250	970408	70.488	ng/ul	95
77) Carbazole	17.674	167	2927744	73.108	ng/ul	97
78) Di-n-butylphthalate	18.237	149	3305011	77.342	ng/ul#	98
80) Fluoranthene	19.341	202	3737875	81.622	ng/ul#	89
82) Pyrene	19.701	202	3949403	78.420	ng/ul#	92
83) Butylbenzylphthalate	20.580	149	1163713	93.550	ng/ul#	69
84) 3,3'-Dichlorobenzidine	21.368	252	1004029	72.244	ng/ul#	99
85) Benzo(a)anthracene	21.436	228	3622033	75.033	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.368	149	2414253	84.165	ng/ul#	95
87) Chrysene	21.503	228	2886960	70.740	ng/ul	100
89) Di-n-octyl phthalate	22.291	149	3938010	86.933	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	3478376	75.744	ng/ul	99
91) Benzo(k)fluoranthene	23.170	252	3290616m	80.795	ng/ul	
93) Benzo(a)pyrene	23.756	252	3339462	76.915	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.369	276	3987651	80.852	ng/ul	94
95) Dibenzo(a,h)anthracene	26.369	278	3406060	81.523	ng/ul	97
96) Benzo(g,h,i)perylene	27.134	276	3486925	82.911	ng/ul	97

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

