

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036380.D
 Acq On : 23 Aug 2022 00:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020158

Quant Time: Aug 24 01:13:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/24/2022
 Supervised By :Sohil Jodhani 08/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	268476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1301887	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	849375	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1764436	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1460391	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1272561	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	47702	6.771	ng/uL	0.00
4) Pyridine-d5	3.628	84	354990	18.273	ng/u1	0.00
7) Phenol-d5	6.969	99	449226	19.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	304177	21.087	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	357096	19.832	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	364752	21.317	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	188462	19.093	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	190332	19.010	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	359179	20.077	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	574284	20.707	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1101837	20.505	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1306035	19.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	191462	18.804	ng/u1	0.00
60) Fluorene-d10	15.427	176	986700	20.321	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	153684	16.942	ng/u1	0.00
73) Anthracene-d10	17.280	188	1517411	19.341	ng/u1	0.00
81) Pyrene-d10	19.568	212	1615521	21.325	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	1205195	19.316	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	53637	7.229	ng/uL	95
5) Pyridine	3.652	79	378545	18.863	ng/u1	90
6) Benzaldehyde	6.940	77	216387	22.987	ng/u1	93
8) Phenol	6.998	94	475901	19.974	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	392237	20.582	ng/u1	99
12) 2-Chlorophenol	7.357	128	375906	19.965	ng/u1	99
13) 2-Methylphenol	8.245	108	364672	20.763	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	574978	22.551	ng/u1	99
16) Acetophenone	8.622	105	612603	22.260	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	324805	23.712	ng/u1	97
18) 4-Methylphenol	8.581	108	401676	21.365	ng/u1	96
19) Hexachloroethane	8.863	117	154460	19.608	ng/u1	89
22) Nitrobenzene	9.004	77	461593	19.736	ng/u1	98
23) Isophorone	9.528	82	887222	21.362	ng/u1	96
25) 2-Nitrophenol	9.710	139	215277	19.299	ng/u1	96
26) 2,4-Dimethylphenol	9.781	107	446644	20.022	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.016	93	558807	20.667	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	365620	19.976	ng/u1	99
30) Naphthalene	10.639	128	1326985	19.420	ng/u1	100
32) 4-Chloroaniline	10.769	127	587572	20.829	ng/u1	99
33) Hexachlorobutadiene	10.916	225	214657	18.668	ng/u1	99
34) Caprolactam	11.557	113	117506	21.427	ng/u1	96
35) 4-Chloro-3-methylphenol	11.898	107	401992	21.722	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	896095	20.902	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	907371	21.016	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	420840	17.926	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	258397	18.553	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	278530	18.854	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	300209	19.159	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1204008	18.847	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	911866	18.602	ng/ul	97
45) 2-Nitroaniline	13.533	65	274546	20.683	ng/ul	95
47) Dimethylphthalate	13.904	163	1129941	20.428	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	218519	20.939	ng/ul#	86
50) Acenaphthylene	14.157	152	1537754	19.457	ng/ul	100
51) 3-Nitroaniline	14.357	138	216934	19.007	ng/ul	96
52) Acenaphthene	14.498	153	1007009	19.548	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	115644	20.333	ng/ul	97
55) 4-Nitrophenol	14.674	109	151378	18.817	ng/ul	87
56) Dibenzofuran	14.833	168	1415968	19.810	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	323834	21.880	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.063	232	245580	20.641	ng/ul#	89
59) Diethylphthalate	15.263	149	1193659	21.892	ng/ul	99
61) Fluorene	15.486	166	1167971	20.601	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	546087	20.620	ng/ul	99
63) 4-Nitroaniline	15.521	138	209099m	19.640	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.574	198	159453	17.386	ng/ul#	91
67) N-Nitrosodiphenylamine	15.698	169	963483	19.100	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	314414	19.244	ng/ul	100
69) Hexachlorobenzene	16.480	284	370308	18.703	ng/ul	96
70) Atrazine	16.651	200	336279	19.511	ng/ul	98
71) Pentachlorophenol	16.833	266	215548	19.747	ng/ul	99
72) Phenanthrene	17.221	178	1781788	19.209	ng/ul	98
74) Anthracene	17.315	178	1822145	19.594	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	441045	16.659	ng/uL	97
76) Pentachlorobenzene	14.751	250	436357	17.652	ng/uL	99
77) Carbazole	17.592	167	1658243	19.045	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2087660	21.922	ng/ul	99
80) Fluoranthene	19.239	202	1986598	21.698	ng/ul	100
82) Pyrene	19.604	202	2038248	21.334	ng/ul	98
83) Butylbenzylphthalate	20.503	149	856699	23.968	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.286	252	532574	17.709	ng/ul	99
85) Benzo(a)anthracene	21.345	228	1710170	19.487	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1298290	26.308	ng/ul#	97
87) Chrysene	21.398	228	1624590	18.840	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	1966228	25.991	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1521233	19.607	ng/ul	98
91) Benzo(k)fluoranthene	23.021	252	1491454	20.205	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1479458	19.383	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.091	276	1581919	17.628	ng/ul	97
95) Dibenzo(a,h)anthracene	26.109	278	1359905	17.591	ng/ul	98
96) Benzo(g,h,i)perylene	26.832	276	1318584	17.182	ng/ul	97

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

