

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036398.D
 Acq On : 23 Aug 2022 20:46
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020161

Manual Integrations
 APPROVED

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

Quant Time: Aug 24 01:05:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	269901	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1284794	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	809734	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1517624	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1102443	20.000	ng/u1	0.00
88) Perylene-d12	23.685	264	1025885	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	50772	7.169	ng/uL	0.00
4) Pyridine-d5	3.628	84	379955	19.455	ng/u1	0.00
7) Phenol-d5	6.969	99	458063	19.883	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	299702	20.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	361607	19.977	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	363809	21.149	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	187982	19.298	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	191300	19.361	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	357783	20.265	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	548003	20.022	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1029188	20.091	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1237803	19.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	164495	16.947	ng/u1	0.00
60) Fluorene-d10	15.427	176	916158	19.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	133385	17.096	ng/u1	0.00
73) Anthracene-d10	17.280	188	1291030	19.132	ng/u1	0.00
81) Pyrene-d10	19.568	212	1230299	21.513	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	975901	19.402	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	55471	7.437	ng/uL	97
5) Pyridine	3.652	79	389373	19.300	ng/u1	92
6) Benzaldehyde	6.940	77	221659	23.423	ng/u1	91
8) Phenol	6.998	94	480718	20.069	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.222	93	390456	20.381	ng/u1	100
12) 2-Chlorophenol	7.357	128	380303	20.091	ng/u1	99
13) 2-Methylphenol	8.245	108	363077	20.563	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	576297	22.484	ng/u1	99
16) Acetophenone	8.628	105	606500	21.921	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	323275	23.476	ng/u1	98
18) 4-Methylphenol	8.575	108	401773	21.258	ng/u1	98
19) Hexachloroethane	8.863	117	155665	19.657	ng/u1	87
22) Nitrobenzene	9.004	77	458249	19.854	ng/u1	97
23) Isophorone	9.528	82	873810	21.319	ng/u1	95
25) 2-Nitrophenol	9.710	139	212720	19.324	ng/u1	94
26) 2,4-Dimethylphenol	9.775	107	444908	20.209	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.016	93	550864	20.644	ng/u1	100
29) 2,4-Dichlorophenol	10.245	162	364075	20.156	ng/u1	99
30) Naphthalene	10.639	128	1315407	19.507	ng/u1	99
32) 4-Chloroaniline	10.763	127	552183	19.835	ng/u1	100
33) Hexachlorobutadiene	10.916	225	213137	18.782	ng/u1	99
34) Caprolactam	11.557	113	111055	20.520	ng/u1	94
35) 4-Chloro-3-methylphenol	11.898	107	393421	21.541	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	878796	20.771	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	893544	20.971	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.621	216	412386	18.426	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	248347	18.704	ng/ul	96
41) 2,4,6-Trichlorophenol	12.874	196	266592	18.930	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	281008	18.811	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1178099	19.345	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	879612	18.822	ng/ul	98
45) 2-Nitroaniline	13.533	65	257625	20.358	ng/ul	96
47) Dimethylphthalate	13.904	163	1059914	20.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	202697	20.373	ng/ul#	86
50) Acenaphthylene	14.157	152	1470565	19.517	ng/ul	100
51) 3-Nitroaniline	14.363	138	202291	18.592	ng/ul	96
52) Acenaphthene	14.498	153	958614	19.520	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	99109	18.279	ng/ul	94
55) 4-Nitrophenol	14.674	109	131615	17.161	ng/ul	89
56) Dibenzofuran	14.833	168	1337429	19.627	ng/ul	97
57) 2,4-Dinitrotoluene	14.815	165	286265	20.288	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.063	232	225436	19.876	ng/ul#	90
59) Diethylphthalate	15.262	149	1086378	20.900	ng/ul	99
61) Fluorene	15.486	166	1079409	19.971	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	502447	19.901	ng/ul	99
63) 4-Nitroaniline	15.521	138	180516m	17.785	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.574	198	137087	17.378	ng/ul#	91
67) N-Nitrosodiphenylamine	15.698	169	887284	20.450	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	279703	19.904	ng/ul	97
69) Hexachlorobenzene	16.480	284	324623	19.062	ng/ul	96
70) Atrazine	16.657	200	286310	19.313	ng/ul	98
71) Pentachlorophenol	16.833	266	183416	19.536	ng/ul	99
72) Phenanthrene	17.221	178	1544218	19.355	ng/ul	98
74) Anthracene	17.309	178	1554599	19.436	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	424710	18.651	ng/ul	96
76) Pentachlorobenzene	14.751	250	410655	19.314	ng/ul	99
77) Carbazole	17.592	167	1338176	17.869	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1708962	20.863	ng/ul	99
80) Fluoranthene	19.239	202	1534664	22.205	ng/ul	99
82) Pyrene	19.598	202	1556221	21.577	ng/ul	99
83) Butylbenzylphthalate	20.503	149	598794	22.192	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.286	252	380914	16.779	ng/ul	98
85) Benzo(a)anthracene	21.344	228	1284201	19.384	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	831196	22.311	ng/ul#	96
87) Chrysene	21.397	228	1240686	19.059	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	1281132	21.007	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1229329	19.655	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	1173499	19.721	ng/ul	99
93) Benzo(a)pyrene	23.580	252	1205013	19.583	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.091	276	1338075	18.496	ng/ul	96
95) Dibenzo(a,h)anthracene	26.109	278	1148525	18.429	ng/ul	98
96) Benzo(g,h,i)perylene	26.838	276	1119621	18.097	ng/ul	99

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

