

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081522\
 Data File : BM036278.D
 Acq On : 15 Aug 2022 09:54
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020147

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 15 10:52:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 14 23:34:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	192620	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	818196	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	474958	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	951929	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	932733	20.000	ng/u1	0.00
88) Perylene-d12	23.709	264	942993	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	43725	8.542	ng/uL	0.00
4) Pyridine-d5	3.634	84	289511	20.645	ng/u1	0.00
7) Phenol-d5	6.987	99	323677	20.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	226003	20.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	284655	21.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	260503	19.907	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	136750	21.092	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	136291	21.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	242176	21.198	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	385691	19.942	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	685052	21.174	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	862152	20.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	112767	16.974	ng/u1	0.00
60) Fluorene-d10	15.439	176	619922	21.204	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	95557	18.675	ng/u1	0.00
73) Anthracene-d10	17.292	188	919079	21.355	ng/u1	0.00
81) Pyrene-d10	19.586	212	1046932	20.252	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1003023	20.951	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	47239	8.905	ng/uL	91
5) Pyridine	3.657	79	304374	20.683	ng/u1	87
6) Benzaldehyde	6.945	77	166531	24.564	ng/u1	92
8) Phenol	7.016	94	356207	20.151	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	296929	20.894	ng/u1	97
12) 2-Chlorophenol	7.369	128	294168	21.388	ng/u1	99
13) 2-Methylphenol	8.263	108	263387	19.945	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.339	45	391594	20.876	ng/u1	97
16) Acetophenone	8.634	105	429865	20.460	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.622	70	211953	20.230	ng/u1	96
18) 4-Methylphenol	8.592	108	284993	20.117	ng/u1	98
19) Hexachloroethane	8.875	117	124682	21.971	ng/u1	87
22) Nitrobenzene	9.016	77	317783	21.419	ng/u1	99
23) Isophorone	9.539	82	564092	20.141	ng/u1	97
25) 2-Nitrophenol	9.728	139	151376	21.601	ng/u1	97
26) 2,4-Dimethylphenol	9.792	107	303771	21.214	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	373218	21.129	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	252374	21.284	ng/u1	98
30) Naphthalene	10.657	128	934102	21.629	ng/u1	99
32) 4-Chloroaniline	10.781	127	392034	20.406	ng/u1	99
33) Hexachlorobutadiene	10.933	225	162129	22.148	ng/u1	97
34) Caprolactam	11.569	113	67475	17.218	ng/u1	94
35) 4-Chloro-3-methylphenol	11.916	107	255582	20.729	ng/u1	97
36) 2-Methylnaphthalene	12.269	142	593737	21.013	ng/u1	98

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37) 1-Methylnaphthalene	12.486	142	602248	21.146	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.633	216	283808	20.992	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	152270	16.911	ng/ul	98
41) 2,4,6-Trichlorophenol	12.886	196	178707	20.655	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	191906	20.787	ng/ul	97
43) 1,1'-Biphenyl	13.286	154	775219	21.206	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	596034	21.245	ng/ul	98
45) 2-Nitroaniline	13.545	65	156986	20.296	ng/ul	98
47) Dimethylphthalate	13.916	163	686599	21.098	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	131071	20.286	ng/ul#	88
50) Acenaphthylene	14.169	152	973036	21.309	ng/ul	99
51) 3-Nitroaniline	14.369	138	113177	15.850	ng/ul	98
52) Acenaphthene	14.510	153	634452	21.416	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	55372	15.094	ng/ul	93
55) 4-Nitrophenol	14.692	109	89474	17.609	ng/ul	84
56) Dibenzofuran	14.845	168	893787	21.805	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	192298	21.114	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.080	232	149074	20.552	ng/ul#	94
59) Diethylphthalate	15.274	149	702967	21.356	ng/ul	99
61) Fluorene	15.492	166	716119	21.387	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	339356	21.153	ng/ul	98
63) 4-Nitroaniline	15.533	138	104786m	15.940	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	97849	19.110	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	590570	21.103	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	192029	20.577	ng/ul	98
69) Hexachlorobenzene	16.492	284	235295	20.693	ng/ul	96
70) Atrazine	16.663	200	193386	19.923	ng/ul	98
71) Pentachlorophenol	16.845	266	111815	16.096	ng/ul	97
72) Phenanthrene	17.233	178	1094166	21.446	ng/ul	99
74) Anthracene	17.327	178	1120718	21.891	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	294153	19.871	ng/uL	98
76) Pentachlorobenzene	14.763	250	281532	20.980	ng/uL	99
77) Carbazole	17.604	167	1006527	21.286	ng/ul	99
78) Di-n-butylphthalate	18.162	149	1165928	21.854	ng/ul	99
80) Fluoranthene	19.251	202	1227640	19.877	ng/ul	99
82) Pyrene	19.615	202	1297702	20.385	ng/ul	96
83) Butylbenzylphthalate	20.515	149	502732	21.713	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.297	252	391652	22.755	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1236444	21.061	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	718211	21.468	ng/ul	97
87) Chrysene	21.409	228	1206600	21.064	ng/ul	100
89) Di-n-octyl phthalate	22.192	149	1194915	19.622	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	1282464	20.378	ng/ul	98
91) Benzo(k)fluoranthene	23.044	252	1190666	19.937	ng/ul	97
93) Benzo(a)pyrene	23.603	252	1246188	20.789	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	1432823	22.425	ng/ul	95
95) Dibenzo(a,h)anthracene	26.138	278	1233696	22.506	ng/ul	96
96) Benzo(g,h,i)perylene	26.868	276	1215283	22.952	ng/ul	96

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

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