

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM036025.D
 Acq On : 30 Jul 2022 11:27
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020140

Quant Time: Aug 01 00:46:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 00:20:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	362456	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1529845	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	848009	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1606244	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	1436887	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	1434301	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	79897	8.295	ng/uL	-0.01
4) Pyridine-d5	3.687	84	523173	19.826	ng/u1	-0.01
7) Phenol-d5	7.034	99	610925	20.099	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	415134	20.487	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	546262	21.652	ng/u1	-0.01
15) 4-Methylphenol-d8	8.587	113	490933	19.937	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	260260	21.469	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	258884	21.919	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.298	165	464376	21.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	716409	19.811	ng/u1	-0.01
46) Dimethylphthalate-d6	13.927	166	1236594	21.408	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1592015	21.601	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	207967	17.532	ng/u1	0.00
60) Fluorene-d10	15.498	176	1098238	21.040	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	154984	17.950	ng/u1	0.00
73) Anthracene-d10	17.345	188	1559822	21.479	ng/u1	0.00
81) Pyrene-d10	19.639	212	1689409	21.214	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1552002	21.314	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	80731	8.088	ng/uL	92
5) Pyridine	3.710	79	559765	20.214	ng/u1	86
6) Benzaldehyde	7.010	77	199787	15.661	ng/u1	93
8) Phenol	7.063	94	667059	20.054	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.298	93	552985	20.679	ng/u1	96
12) 2-Chlorophenol	7.434	128	557855	21.554	ng/u1	98
13) 2-Methylphenol	8.316	108	498963	20.080	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.404	45	722470	20.468	ng/u1	97
16) Acetophenone	8.698	105	790757	20.002	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.687	70	401692	20.375	ng/u1	93
18) 4-Methylphenol	8.651	108	533110	19.998	ng/u1	97
19) Hexachloroethane	8.951	117	231245	21.655	ng/u1	91
22) Nitrobenzene	9.081	77	584099	21.055	ng/u1	99
23) Isophorone	9.610	82	1065561	20.348	ng/u1	98
25) 2-Nitrophenol	9.792	139	289533	22.097	ng/u1	98
26) 2,4-Dimethylphenol	9.851	107	563367	21.041	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.092	93	697696	21.125	ng/u1	100
29) 2,4-Dichlorophenol	10.322	162	478997	21.604	ng/u1	98
30) Naphthalene	10.728	128	1734701	21.483	ng/u1	99
32) 4-Chloroaniline	10.839	127	707690	19.701	ng/u1	99
33) Hexachlorobutadiene	11.010	225	307047	22.433	ng/u1	100
34) Caprolactam	11.622	113	127923	17.458	ng/u1	88
35) 4-Chloro-3-methylphenol	11.963	107	472048	20.476	ng/u1	99
36) 2-Methylnaphthalene	12.339	142	1112725	21.062	ng/u1	99

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37) 1-Methylnaphthalene	12.557	142	1113392	20.908	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	540210	22.379	ng/ul	100
40) Hexachlorocyclopentadiene	12.680	237	303875	18.901	ng/ul	97
41) 2,4,6-Trichlorophenol	12.945	196	343113	22.211	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	367192	22.277	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	1433575	21.963	ng/ul	99
44) 2-Chloronaphthalene	13.386	162	1087919	21.718	ng/ul	99
45) 2-Nitroaniline	13.598	65	281645	20.394	ng/ul	97
47) Dimethylphthalate	13.974	163	1241708	21.371	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	245135	21.250	ng/ul	94
50) Acenaphthylene	14.233	152	1750726	21.473	ng/ul	100
51) 3-Nitroaniline	14.421	138	183605	14.402	ng/ul	96
52) Acenaphthene	14.574	153	1118302	21.143	ng/ul	98
53) 2,4-Dinitrophenol	14.621	184	105462	16.102	ng/ul	99
55) 4-Nitrophenol	14.721	109	160318	17.671	ng/ul	87
56) Dibenzofuran	14.910	168	1566604	21.406	ng/ul	100
57) 2,4-Dinitrotoluene	14.874	165	332468	20.446	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.133	232	281533	21.739	ng/ul	98
59) Diethylphthalate	15.333	149	1251168	21.289	ng/ul	99
61) Fluorene	15.557	166	1246109	20.844	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	605959	21.155	ng/ul	97
63) 4-Nitroaniline	15.580	138	143528	12.229	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.633	198	157395	18.218	ng/ul	94
67) N-Nitrosodiphenylamine	15.763	169	1012286	21.437	ng/ul	98
68) 4-Bromophenyl-phenylether	16.445	248	349159	22.173	ng/ul	97
69) Hexachlorobenzene	16.551	284	415582	21.660	ng/ul	99
70) Atrazine	16.715	200	339661	20.738	ng/ul	98
71) Pentachlorophenol	16.898	266	233406	19.913	ng/ul	100
72) Phenanthrene	17.292	178	1829639	21.253	ng/ul	99
74) Anthracene	17.380	178	1849109	21.405	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	554897	22.215	ng/ul	97
76) Pentachlorobenzene	14.821	250	511080	22.572	ng/ul	100
77) Carbazole	17.657	167	1621485	20.323	ng/ul	99
78) Di-n-butylphthalate	18.221	149	2045313	22.721	ng/ul	100
80) Fluoranthene	19.304	202	2005049	21.073	ng/ul	99
82) Pyrene	19.668	202	2053783	20.942	ng/ul	97
83) Butylbenzylphthalate	20.568	149	822181	23.051	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	549236	20.714	ng/ul	98
85) Benzo(a)anthracene	21.409	228	1949475	21.555	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1238790	24.036	ng/ul	99
87) Chrysene	21.462	228	1866155	21.148	ng/ul	99
89) Di-n-octyl phthalate	22.256	149	1984569	21.426	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	1970072	20.581	ng/ul	98
91) Benzo(k)fluoranthene	23.115	252	1881203	20.710	ng/ul	97
93) Benzo(a)pyrene	23.686	252	1919807	21.056	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.244	276	2197015	22.607	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.262	278	1887686	22.640	ng/ul	97
96) Benzo(g,h,i)perylene	27.003	276	1874526	23.276	ng/ul	96

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

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