

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044510.D
 Acq On : 06 Mar 2024 10:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020063

Quant Time: Mar 06 10:51:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	290270	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	1306502	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.368	164	823940	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1714394	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1575134	20.000	ng/u1	0.00
88) Perylene-d12	23.556	264	1714657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	59177	6.915	ng/uL	0.00
4) Pyridine-d5	3.681	84	423742	16.822	ng/u1	0.00
7) Phenol-d5	6.904	99	527575	17.678	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	340330	18.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	408950	18.647	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	417124	17.798	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	214543	19.501	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	229435	19.345	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	400519	19.843	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	634009	18.912	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	1226512	18.977	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1394709	18.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	236686	17.658	ng/u1	0.00
60) Fluorene-d10	15.363	176	1040712	19.161	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	208898	18.771	ng/u1	0.00
73) Anthracene-d10	17.215	188	1598467	19.506	ng/u1	0.00
81) Pyrene-d10	19.515	212	1843432	19.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	1727287	19.166	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	60288	6.804	ng/uL	95
5) Pyridine	3.699	79	441432	16.896	ng/u1	97
6) Benzaldehyde	6.893	77	296088	22.778	ng/u1	98
8) Phenol	6.934	94	540773	17.755	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.175	93	458433	18.330	ng/u1	98
12) 2-Chlorophenol	7.298	128	420450	18.587	ng/u1	99
13) 2-Methylphenol	8.169	108	415464	17.976	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	631870	19.132	ng/u1	98
16) Acetophenone	8.557	105	683557	18.805	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.539	70	360626	19.203	ng/u1	95
18) 4-Methylphenol	8.498	108	456484	18.144	ng/u1	96
19) Hexachloroethane	8.792	117	168639	18.200	ng/u1	96
22) Nitrobenzene	8.934	77	509155	19.515	ng/u1	97
23) Isophorone	9.457	82	1035850	19.460	ng/u1	99
25) 2-Nitrophenol	9.633	139	250654	19.386	ng/u1	99
26) 2,4-Dimethylphenol	9.692	107	447651	19.027	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.939	93	645580	19.285	ng/u1	97
29) 2,4-Dichlorophenol	10.163	162	398252	19.763	ng/u1	97
30) Naphthalene	10.563	128	1449324	19.586	ng/u1	100
32) 4-Chloroaniline	10.681	127	611264	18.914	ng/u1	100
33) Hexachlorobutadiene	10.833	225	227894	20.177	ng/u1	98
34) Caprolactam	11.463	113	142620	18.174	ng/u1	97
35) 4-Chloro-3-methylphenol	11.804	107	455807	19.505	ng/u1	99
36) 2-Methylnaphthalene	12.175	142	975061	19.816	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	963809	19.855	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	455696	19.440	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	334116	21.472	ng/ul	98
41) 2,4,6-Trichlorophenol	12.792	196	311569	18.960	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	336490	19.107	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	1246425	19.050	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	974635	18.983	ng/ul	99
45) 2-Nitroaniline	13.457	65	301666	18.715	ng/ul	99
47) Dimethylphthalate	13.839	163	1246256	18.949	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	248939	18.950	ng/ul	97
50) Acenaphthylene	14.092	152	1663283	19.306	ng/ul	99
51) 3-Nitroaniline	14.292	138	266755	18.799	ng/ul	99
52) Acenaphthene	14.433	153	1077378	19.023	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	154130	18.342	ng/ul	97
55) 4-Nitrophenol	14.592	109	163272	17.386	ng/ul	95
56) Dibenzofuran	14.768	168	1448019	19.221	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	366281	19.316	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	284666	19.533	ng/ul	99
59) Diethylphthalate	15.210	149	1278221	18.727	ng/ul	99
61) Fluorene	15.421	166	1203227	19.528	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	563815	19.716	ng/ul	96
63) 4-Nitroaniline	15.457	138	275901	20.344	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.510	198	225349	18.950	ng/ul	96
67) N-Nitrosodiphenylamine	15.639	169	1006322	19.489	ng/ul	100
68) 4-Bromophenyl-phenylether	16.315	248	339063	19.773	ng/ul	96
69) Hexachlorobenzene	16.415	284	397222	20.337	ng/ul	95
70) Atrazine	16.598	200	341545	20.242	ng/ul	99
71) Pentachlorophenol	16.762	266	251134	19.472	ng/ul	100
72) Phenanthrene	17.162	178	1895031	19.486	ng/ul	99
74) Anthracene	17.251	178	1937424	19.698	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	446904	19.517	ng/ul	99
76) Pentachlorobenzene	14.680	250	452099	20.422	ng/ul	99
77) Carbazole	17.527	167	1812251	19.608	ng/ul	100
78) Di-n-butylphthalate	18.098	149	2285866	18.387	ng/ul	99
80) Fluoranthene	19.180	202	2186884	19.008	ng/ul	99
82) Pyrene	19.545	202	2301135	19.211	ng/ul	97
83) Butylbenzylphthalate	20.456	149	1026845	17.435	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	700163	20.549	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2211713	18.698	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1547091	18.016	ng/ul	100
87) Chrysene	21.345	228	2085504	19.044	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2672268	17.415	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2189069	19.080	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	2124371	18.905	ng/ul	99
93) Benzo(a)pyrene	23.456	252	2013857	18.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.827	276	2281090	18.949	ng/ul	97
95) Dibenzo(a,h)anthracene	25.850	278	1929936	19.227	ng/ul	98
96) Benzo(g,h,i)perylene	26.527	276	1787376	18.606	ng/ul	99

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

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