

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044537.D
 Acq On : 07 Mar 2024 04:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020065

Quant Time: Mar 07 05:02:27 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	321143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	1463578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	927477	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1831064	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	1348228	20.000	ng/u1	0.00
88) Perylene-d12	23.550	264	1248339	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	66398	7.012	ng/uL	0.00
4) Pyridine-d5	3.681	84	483792	17.360	ng/u1	0.00
7) Phenol-d5	6.898	99	597491	18.096	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	384919	18.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	458701	18.905	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	473251	18.251	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	239223	19.411	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	264667	19.921	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	454787	20.113	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	713022	18.987	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	1356105	18.639	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1568486	18.851	ng/u1	0.00
54) 4-Nitrophenol-d4	14.574	143	256100	16.974	ng/u1	0.00
60) Fluorene-d10	15.363	176	1141162	18.665	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	219153	18.438	ng/u1	0.00
73) Anthracene-d10	17.215	188	1699953	19.423	ng/u1	0.00
81) Pyrene-d10	19.509	212	1810484	21.895	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.403	264	1259838	19.201	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	70018	7.143	ng/uL	96
5) Pyridine	3.699	79	502827	17.396	ng/u1	98
6) Benzaldehyde	6.887	77	338095	23.510	ng/u1	94
8) Phenol	6.928	94	611152	18.137	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.169	93	514267	18.586	ng/u1	98
12) 2-Chlorophenol	7.292	128	470600	18.804	ng/u1	98
13) 2-Methylphenol	8.169	108	464744	18.175	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.251	45	719201	19.682	ng/u1	98
16) Acetophenone	8.551	105	775220	19.277	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.539	70	413995	19.925	ng/u1	98
18) 4-Methylphenol	8.498	108	514310	18.477	ng/u1	94
19) Hexachloroethane	8.786	117	193328	18.859	ng/u1	98
22) Nitrobenzene	8.934	77	575523	19.692	ng/u1	97
23) Isophorone	9.451	82	1176172	19.725	ng/u1	97
25) 2-Nitrophenol	9.633	139	284666	19.653	ng/u1	98
26) 2,4-Dimethylphenol	9.692	107	502274	19.058	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.939	93	723898	19.303	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	450204	19.943	ng/u1	100
30) Naphthalene	10.557	128	1631377	19.680	ng/u1	99
32) 4-Chloroaniline	10.680	127	684951	18.919	ng/u1	98
33) Hexachlorobutadiene	10.828	225	259623	20.519	ng/u1	98
34) Caprolactam	11.463	113	156703	17.825	ng/u1	98
35) 4-Chloro-3-methylphenol	11.798	107	515434	19.689	ng/u1	99
36) 2-Methylnaphthalene	12.174	142	1091602	19.803	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1077625	19.817	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.539	216	508517	19.272	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	375182	21.420	ng/ul	100
41) 2,4,6-Trichlorophenol	12.792	196	352844	19.075	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	375765	18.955	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1412503	19.179	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	1091616	18.887	ng/ul	99
45) 2-Nitroaniline	13.451	65	346023	19.071	ng/ul	99
47) Dimethylphthalate	13.833	163	1378079	18.614	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	280851	18.992	ng/ul	97
50) Acenaphthylene	14.086	152	1854185	19.120	ng/ul	100
51) 3-Nitroaniline	14.286	138	291698	18.262	ng/ul	94
52) Acenaphthene	14.427	153	1210234	18.983	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	165122	17.456	ng/ul	93
55) 4-Nitrophenol	14.592	109	178196	16.856	ng/ul	98
56) Dibenzofuran	14.768	168	1612402	19.013	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	395202	18.514	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.992	232	311643	18.997	ng/ul	97
59) Diethylphthalate	15.204	149	1404536	18.280	ng/ul	99
61) Fluorene	15.421	166	1324673	19.099	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	623736	19.376	ng/ul	97
63) 4-Nitroaniline	15.451	138	291184m	19.074	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	237467	18.696	ng/ul	98
67) N-Nitrosodiphenylamine	15.633	169	1101974	19.982	ng/ul	100
68) 4-Bromophenyl-phenylether	16.315	248	375477	20.501	ng/ul	95
69) Hexachlorobenzene	16.409	284	428660	20.549	ng/ul	97
70) Atrazine	16.598	200	362071	20.091	ng/ul	99
71) Pentachlorophenol	16.762	266	256334	18.609	ng/ul	99
72) Phenanthrene	17.157	178	2024972	19.495	ng/ul	99
74) Anthracene	17.251	178	2065589	19.663	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	504096	20.612	ng/ul	99
76) Pentachlorobenzene	14.680	250	497391	21.036	ng/ul	98
77) Carbazole	17.527	167	1897836	19.226	ng/ul	99
78) Di-n-butylphthalate	18.098	149	2402175	18.092	ng/ul	100
80) Fluoranthene	19.174	202	2198161	22.322	ng/ul	100
82) Pyrene	19.539	202	2252821	21.973	ng/ul	100
83) Butylbenzylphthalate	20.456	149	945434	18.754	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	561285	19.246	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1910767	18.873	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1359374	18.494	ng/ul	99
87) Chrysene	21.339	228	1751972	18.691	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	2067727	18.508	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1635297	19.577	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	1581443	19.330	ng/ul	99
93) Benzo(a)pyrene	23.450	252	1468303	18.791	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	1651932	18.849	ng/ul	99
95) Dibenzo(a,h)anthracene	25.838	278	1382711	18.921	ng/ul	97
96) Benzo(g,h,i)perylene	26.515	276	1319458	18.866	ng/ul	99

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

