

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044519.D
 Acq On : 06 Mar 2024 17:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020064

Quant Time: Mar 06 17:49:54 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	7.734	152	287770	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	1288567	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.368	164	830667	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1692534	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1472087	20.000	ng/u1	0.00
88) Perylene-d12	23.556	264	1471655	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	59860	7.055	ng/uL	0.00
4) Pyridine-d5	3.681	84	417885	16.734	ng/u1	0.00
7) Phenol-d5	6.904	99	526849	17.807	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	345493	18.905	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	400076	18.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	415302	17.874	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	210009	19.355	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	225803	19.304	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	396656	19.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	627799	18.988	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	1226564	18.824	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1394481	18.712	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	236433	17.497	ng/u1	0.00
60) Fluorene-d10	15.363	176	1029819	18.807	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	203459	18.519	ng/u1	0.00
73) Anthracene-d10	17.215	188	1580674	19.538	ng/u1	0.00
81) Pyrene-d10	19.509	212	1788130	19.805	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	1497010	19.353	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	61381	6.988	ng/uL	98
5) Pyridine	3.699	79	444549	17.163	ng/u1	95
6) Benzaldehyde	6.892	77	299345	23.229	ng/u1	95
8) Phenol	6.928	94	539397	17.864	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.175	93	450910	18.186	ng/u1	98
12) 2-Chlorophenol	7.298	128	415769	18.540	ng/u1	100
13) 2-Methylphenol	8.169	108	412025	17.982	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.257	45	638181	19.490	ng/u1	99
16) Acetophenone	8.557	105	688579	19.108	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.539	70	366394	19.679	ng/u1	95
18) 4-Methylphenol	8.498	108	449417	18.018	ng/u1	95
19) Hexachloroethane	8.792	117	169604	18.463	ng/u1	96
22) Nitrobenzene	8.934	77	508774	19.772	ng/u1	97
23) Isophorone	9.457	82	1031773	19.653	ng/u1	99
25) 2-Nitrophenol	9.633	139	245046	19.216	ng/u1	97
26) 2,4-Dimethylphenol	9.692	107	444027	19.136	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.939	93	637461	19.307	ng/u1	98
29) 2,4-Dichlorophenol	10.163	162	396011	19.925	ng/u1	99
30) Naphthalene	10.563	128	1437164	19.692	ng/u1	100
32) 4-Chloroaniline	10.680	127	614055	19.265	ng/u1	98
33) Hexachlorobutadiene	10.833	225	225550	20.248	ng/u1	96
34) Caprolactam	11.463	113	140381m	18.137	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	448086	19.441	ng/u1	100
36) 2-Methylnaphthalene	12.174	142	964685	19.878	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	951681	19.878	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	451983	19.126	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	327311	20.865	ng/ul	100
41) 2,4,6-Trichlorophenol	12.792	196	312099	18.839	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	332744	18.741	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1240250	18.803	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	971701	18.772	ng/ul	99
45) 2-Nitroaniline	13.457	65	308664	18.994	ng/ul	98
47) Dimethylphthalate	13.839	163	1237152	18.658	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	244763	18.481	ng/ul	98
50) Acenaphthylene	14.092	152	1658689	19.097	ng/ul	99
51) 3-Nitroaniline	14.292	138	256269	17.914	ng/ul	98
52) Acenaphthene	14.433	153	1083286	18.972	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	150231	17.733	ng/ul	98
55) 4-Nitrophenol	14.592	109	164200	17.343	ng/ul	96
56) Dibenzofuran	14.768	168	1444331	19.016	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	358315	18.742	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	283277	19.280	ng/ul	99
59) Diethylphthalate	15.204	149	1267554	18.420	ng/ul	100
61) Fluorene	15.421	166	1201542	19.343	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	567209	19.674	ng/ul	98
63) 4-Nitroaniline	15.457	138	265723m	19.435	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	221694	18.883	ng/ul	96
67) N-Nitrosodiphenylamine	15.639	169	999042	19.598	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	336453	19.874	ng/ul	96
69) Hexachlorobenzene	16.415	284	394455	20.457	ng/ul	95
70) Atrazine	16.598	200	337082	20.235	ng/ul	97
71) Pentachlorophenol	16.762	266	246761	19.380	ng/ul	97
72) Phenanthrene	17.162	178	1886242	19.646	ng/ul	100
74) Anthracene	17.251	178	1913792	19.709	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	445859	19.722	ng/uL	98
76) Pentachlorobenzene	14.680	250	445767	20.396	ng/uL	100
77) Carbazole	17.527	167	1783691	19.548	ng/ul	100
78) Di-n-butylphthalate	18.098	149	2247001	18.308	ng/ul	100
80) Fluoranthene	19.180	202	2119838	19.715	ng/ul	98
82) Pyrene	19.545	202	2221108	19.841	ng/ul	97
83) Butylbenzylphthalate	20.456	149	964570	17.524	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	637134	20.008	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2091071	18.916	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1450669	18.076	ng/ul	100
87) Chrysene	21.344	228	1941274	18.968	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2328960	17.683	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	1926642	19.565	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	1880747	19.500	ng/ul	99
93) Benzo(a)pyrene	23.462	252	1755157	19.054	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.832	276	1866054	18.061	ng/ul	99
95) Dibenzo(a,h)anthracene	25.844	278	1582884	18.374	ng/ul	98
96) Benzo(g,h,i)perylene	26.521	276	1471685	17.850	ng/ul	98

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

