

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
 Data File : BM044673.D
 Acq On : 19 Mar 2024 21:12
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020077

Quant Time: Mar 19 23:42:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/20/2024
 Supervised By :mohammad ahmed 03/20/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	192532	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	786957	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	623035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1313677	20.000	ng/u1	0.00
79) Chrysene-d12	21.291	240	1193866	20.000	ng/u1	0.00
88) Perylene-d12	23.538	264	1400056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	43761	7.709	ng/uL	0.00
4) Pyridine-d5	3.651	84	326221	19.525	ng/u1	0.00
7) Phenol-d5	6.869	99	373240	18.856	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	237203	19.400	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	287418	19.759	ng/u1	0.00
15) 4-Methylphenol-d8	8.398	113	299204	19.247	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	138017	20.827	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	144636	20.247	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	282173	23.209	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	438407	21.711	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1027318	21.020	ng/u1	0.00
49) Acenaphthylene-d8	14.033	160	1068305	19.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	202631	19.993	ng/u1	0.00
60) Fluorene-d10	15.339	176	852162	20.749	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	171152	20.071	ng/u1	0.00
73) Anthracene-d10	17.198	188	1301004	20.719	ng/u1	0.00
81) Pyrene-d10	19.497	212	1463565	19.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.397	264	1487869	20.219	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	46059	7.837	ng/uL	98
5) Pyridine	3.669	79	340611	19.655	ng/u1	96
6) Benzaldehyde	6.851	77	210476	24.412	ng/u1	95
8) Phenol	6.892	94	383841	19.000	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.134	93	306759	18.492	ng/u1	97
12) 2-Chlorophenol	7.257	128	293110	19.536	ng/u1	98
13) 2-Methylphenol	8.134	108	284198	18.538	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	452189	20.641	ng/u1	98
16) Acetophenone	8.522	105	458412	19.013	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.504	70	273509	21.957	ng/u1	94
18) 4-Methylphenol	8.463	108	318047	19.058	ng/u1	96
19) Hexachloroethane	8.751	117	125189	20.370	ng/u1	97
22) Nitrobenzene	8.892	77	337401	21.470	ng/u1	95
23) Isophorone	9.416	82	816106	25.454	ng/u1	98
25) 2-Nitrophenol	9.598	139	160752	20.641	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	327467	23.108	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.904	93	430046	21.327	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	281057	23.155	ng/u1	99
30) Naphthalene	10.522	128	912728	20.478	ng/u1	99
32) 4-Chloroaniline	10.645	127	429021	22.039	ng/u1	100
33) Hexachlorobutadiene	10.792	225	151521	22.272	ng/u1	96
34) Caprolactam	11.433	113	115606m	24.457	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	382491	27.173	ng/u1	99
36) 2-Methylnaphthalene	12.145	142	632563	21.342	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	629169	21.518	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	311298	17.563	ng/ul	99
40) Hexachlorocyclopentadiene	12.480	237	181201	15.400	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	252718	20.338	ng/ul	99
42) 2,4,5-Trichlorophenol	12.833	196	283522	21.291	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	925650	18.710	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	694009	17.876	ng/ul	99
45) 2-Nitroaniline	13.427	65	266147	21.836	ng/ul	99
47) Dimethylphthalate	13.810	163	1042065	20.954	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	206547	20.793	ng/ul	97
50) Acenaphthylene	14.063	152	1282150	19.681	ng/ul	99
51) 3-Nitroaniline	14.263	138	220380	20.539	ng/ul	96
52) Acenaphthene	14.404	153	858863	20.054	ng/ul	99
53) 2,4-Dinitrophenol	14.468	184	117293	18.459	ng/ul	92
55) 4-Nitrophenol	14.568	109	154777	21.795	ng/ul	93
56) Dibenzofuran	14.745	168	1185975	20.819	ng/ul	99
57) 2,4-Dinitrotoluene	14.721	165	299212	20.867	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.968	232	237612	21.562	ng/ul	99
59) Diethylphthalate	15.180	149	1073470	20.799	ng/ul	99
61) Fluorene	15.398	166	1006430	21.601	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	483214	22.346	ng/ul	98
63) 4-Nitroaniline	15.433	138	228663m	22.298	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	188732	20.711	ng/ul	100
67) N-Nitrosodiphenylamine	15.615	169	834788	21.099	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	288615	21.965	ng/ul	98
69) Hexachlorobenzene	16.392	284	332082	22.189	ng/ul	94
70) Atrazine	16.574	200	182997	14.154	ng/ul	98
71) Pentachlorophenol	16.739	266	200325	20.271	ng/ul	98
72) Phenanthrene	17.139	178	1551232	20.816	ng/ul	100
74) Anthracene	17.227	178	1578746	20.948	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.127	216	323626	18.444	ng/uL	99
76) Pentachlorobenzene	14.651	250	372081	21.934	ng/uL	98
77) Carbazole	17.509	167	1460910	20.628	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1887300	19.812	ng/ul	99
80) Fluoranthene	19.162	202	1734592	19.892	ng/ul	98
82) Pyrene	19.527	202	1832965	20.190	ng/ul	96
83) Butylbenzylphthalate	20.445	149	821422	18.401	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	513692	19.891	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1818417	20.283	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1277906	19.634	ng/ul	99
87) Chrysene	21.333	228	1674217	20.170	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	2216023	17.686	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1792325	19.132	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1848352	20.145	ng/ul	99
93) Benzo(a)pyrene	23.444	252	1738466	19.838	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.815	276	2197622	22.358	ng/ul	100
95) Dibenzo(a,h)anthracene	25.826	278	1850694	22.581	ng/ul	99
96) Benzo(g,h,i)perylene	26.497	276	1754964	22.374	ng/ul	98

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

