

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044691.D
 Acq On : 20 Mar 2024 20:22
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020079

Quant Time: Mar 20 23:26:06 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 :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

03/21/2024
 Supervised By :mohammad
 ahmed

03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	198571	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	802450	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.339	164	456466	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	853478	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	723958	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	834174	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	44831	7.657	ng/uL	0.00
4) Pyridine-d5	3.652	84	310929	18.044	ng/u1	0.00
7) Phenol-d5	6.863	99	370159	18.131	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	242854	19.258	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	290088	19.336	ng/u1	-0.01
15) 4-Methylphenol-d8	8.398	113	279756	17.449	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	140515	20.795	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	149297	20.495	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	258520	20.853	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.622	131	385292	18.712	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	684944	19.129	ng/u1	-0.01
49) Acenaphthylene-d8	14.027	160	802526	19.597	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	125084	16.845	ng/u1	0.00
60) Fluorene-d10	15.339	176	579777	19.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	102260	18.458	ng/u1	0.00
73) Anthracene-d10	17.192	188	838619	20.557	ng/u1	0.00
81) Pyrene-d10	19.492	212	883151	19.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.392	264	872333	19.896	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.287	88	46754	7.714	ng/uL	96
5) Pyridine	3.669	79	324957	18.182	ng/u1	92
6) Benzaldehyde	6.851	77	213189	23.975	ng/u1	93
8) Phenol	6.893	94	378214	18.152	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.134	93	312380	18.258	ng/u1	96
12) 2-Chlorophenol	7.257	128	298625	19.298	ng/u1	98
13) 2-Methylphenol	8.134	108	277345	17.541	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	461443	20.423	ng/u1	97
16) Acetophenone	8.516	105	446764	17.967	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.504	70	232870	18.126	ng/u1	92
18) 4-Methylphenol	8.457	108	298326	17.333	ng/u1	97
19) Hexachloroethane	8.751	117	126779	20.001	ng/u1	94
22) Nitrobenzene	8.892	77	344257	21.483	ng/u1	95
23) Isophorone	9.416	82	638113	19.518	ng/u1	97
25) 2-Nitrophenol	9.598	139	159230	20.050	ng/u1	96
26) 2,4-Dimethylphenol	9.657	107	286548	19.830	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.904	93	405875	19.740	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	257699	20.821	ng/u1	99
30) Naphthalene	10.522	128	929642	20.455	ng/u1	100
32) 4-Chloroaniline	10.645	127	373293	18.806	ng/u1	99
33) Hexachlorobutadiene	10.792	225	157451	22.697	ng/u1	97
34) Caprolactam	11.428	113	74136m	15.381	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	268112	18.680	ng/u1	99
36) 2-Methylnaphthalene	12.139	142	591559	19.573	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	581430	19.502	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	280771	21.621	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	181824	21.092	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	183698	20.178	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	195284	20.016	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	740308	20.424	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	580220	20.398	ng/ul	99
45) 2-Nitroaniline	13.427	65	176867	19.806	ng/ul	98
47) Dimethylphthalate	13.810	163	687139	18.859	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	135231	18.581	ng/ul	97
50) Acenaphthylene	14.057	152	964606	20.210	ng/ul	99
51) 3-Nitroaniline	14.263	138	142778	18.163	ng/ul	98
52) Acenaphthene	14.404	153	630393	20.091	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	65408	14.050	ng/ul	92
55) 4-Nitrophenol	14.563	109	95821	18.417	ng/ul	90
56) Dibenzofuran	14.739	168	835396	20.016	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	189665	18.054	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.969	232	155739	19.289	ng/ul	97
59) Diethylphthalate	15.180	149	701283	18.546	ng/ul	99
61) Fluorene	15.392	166	684750	20.060	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.392	204	326801	20.628	ng/ul	100
63) 4-Nitroaniline	15.427	138	142472m	18.962	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	111580	18.847	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	547508	21.300	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	189026	22.143	ng/ul	96
69) Hexachlorobenzene	16.386	284	216351	22.251	ng/ul	97
70) Atrazine	16.574	200	175740	20.921	ng/ul	97
71) Pentachlorophenol	16.739	266	122596	19.094	ng/ul	99
72) Phenanthrene	17.133	178	999250	20.639	ng/ul	100
74) Anthracene	17.227	178	1022457	20.882	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	271809	23.844	ng/uL	99
76) Pentachlorobenzene	14.651	250	262334	23.803	ng/uL	100
77) Carbazole	17.504	167	900019	19.561	ng/ul	99
78) Di-n-butylphthalate	18.074	149	1144000	18.485	ng/ul	99
80) Fluoranthene	19.157	202	1069893	20.233	ng/ul	98
82) Pyrene	19.521	202	1123335	20.405	ng/ul	98
83) Butylbenzylphthalate	20.445	149	468181	17.295	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	316205	20.192	ng/ul	97
85) Benzo(a)anthracene	21.274	228	1066218	19.612	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	720303	18.250	ng/ul	98
87) Chrysene	21.327	228	1000658	19.881	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1214838	16.273	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1073277	19.228	ng/ul	100
91) Benzo(k)fluoranthene	22.909	252	1061097	19.410	ng/ul	98
93) Benzo(a)pyrene	23.439	252	1025590	19.642	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	1309923	22.367	ng/ul	98
95) Dibenzo(a,h)anthracene	25.821	278	1109673	22.724	ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	1042160	22.299	ng/ul	98

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

