

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048616.D
 Acq On : 12 Nov 2024 12:06
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020055

Quant Time: Nov 12 12:54:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	198042	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	828098	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	519008	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.051	188	1062289	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	1005030	20.000	ng/u1	-0.01
88) Perylene-d12	24.185	264	1146286	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	39378	7.927	ng/uL	0.00
4) Pyridine-d5	3.540	84	281301	20.547	ng/u1	0.00
7) Phenol-d5	6.840	99	321501	21.326	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	190735	21.064	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.192	132	274756	22.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	259087	21.856	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	132814	22.128	ng/u1	0.00
24) 2-Nitrophenol-d4	9.533	143	143521	22.481	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	263329	22.204	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	366435	21.753	ng/u1	-0.01
46) Dimethylphthalate-d6	13.721	166	723164	21.828	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	863766	22.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	129851	21.102	ng/u1	0.00
60) Fluorene-d10	15.298	176	637200	22.033	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	112516	21.055	ng/u1	0.00
73) Anthracene-d10	17.151	188	997647	22.193	ng/u1	0.00
81) Pyrene-d10	19.445	212	1148368	22.768	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.985	264	1173621	21.913	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	42158	7.733	ng/uL	93
5) Pyridine	3.557	79	288588	20.534	ng/u1	97
6) Benzaldehyde	6.804	77	198239	26.609	ng/u1	95
8) Phenol	6.863	94	338607	21.407	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	262669	21.131	ng/u1	98
12) 2-Chlorophenol	7.222	128	283081	21.881	ng/u1	99
13) 2-Methylphenol	8.110	108	251295	21.462	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	382641	20.932	ng/u1	98
16) Acetophenone	8.481	105	413559	22.381	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.463	70	193354	22.266	ng/u1	98
18) 4-Methylphenol	8.439	108	279947	21.836	ng/u1	100
19) Hexachloroethane	8.728	117	114602	20.961	ng/u1	98
22) Nitrobenzene	8.857	77	293642	21.577	ng/u1	95
23) Isophorone	9.381	82	549061	21.812	ng/u1	98
25) 2-Nitrophenol	9.563	139	156674	22.519	ng/u1	99
26) 2,4-Dimethylphenol	9.633	107	281141	21.634	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	341717	21.748	ng/u1	98
29) 2,4-Dichlorophenol	10.098	162	264907	22.021	ng/u1	97
30) Naphthalene	10.492	128	890507	21.246	ng/u1	100
32) 4-Chloroaniline	10.610	127	345675	21.763	ng/u1	98
33) Hexachlorobutadiene	10.775	225	170761	20.976	ng/u1	98
34) Caprolactam	11.392	113	80539	21.242	ng/u1	95
35) 4-Chloro-3-methylphenol	11.751	107	267649	22.993	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	588977	21.962	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	600339	21.813	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.486	216	314397	21.139	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	153976	20.254	ng/ul	100
41) 2,4,6-Trichlorophenol	12.733	196	208534	22.198	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	224136	22.404	ng/ul	99
43) 1,1'-Biphenyl	13.133	154	760019	21.416	ng/ul	99
44) 2-Chloronaphthalene	13.174	162	606253	21.649	ng/ul	99
45) 2-Nitroaniline	13.392	65	162653	23.129	ng/ul	96
47) Dimethylphthalate	13.768	163	720310	21.644	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	148379	23.387	ng/ul	94
50) Acenaphthylene	14.027	152	935613	21.730	ng/ul	100
51) 3-Nitroaniline	14.227	138	158561	23.014	ng/ul	98
52) Acenaphthene	14.368	153	651018	21.477	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	65312	19.146	ng/ul	91
55) 4-Nitrophenol	14.545	109	93053	20.917	ng/ul	97
56) Dibenzofuran	14.704	168	912631	21.825	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	219570	23.809	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.939	232	188161	22.610	ng/ul	97
59) Diethylphthalate	15.133	149	731929	22.322	ng/ul	99
61) Fluorene	15.357	166	720099	21.751	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	357020	21.889	ng/ul	100
63) 4-Nitroaniline	15.392	138	160758m	23.695	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	123633	21.260	ng/ul#	96
67) N-Nitrosodiphenylamine	15.568	169	609890	21.783	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	217270	21.687	ng/ul	97
69) Hexachlorobenzene	16.362	284	257517	21.298	ng/ul	97
70) Atrazine	16.527	200	220619	21.651	ng/ul	98
71) Pentachlorophenol	16.709	266	166085	21.613	ng/ul	98
72) Phenanthrene	17.092	178	1143734	21.709	ng/ul	99
74) Anthracene	17.186	178	1172133	22.168	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	307702	20.305	ng/uL	99
76) Pentachlorobenzene	14.627	250	303447	20.552	ng/uL	96
77) Carbazole	17.462	167	1068169	22.429	ng/ul	99
78) Di-n-butylphthalate	18.021	149	1259564	22.495	ng/ul	99
80) Fluoranthene	19.115	202	1318129	22.523	ng/ul	99
82) Pyrene	19.474	202	1424169	22.443	ng/ul	100
83) Butylbenzylphthalate	20.380	149	575768	23.621	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	430772	23.590	ng/ul	98
85) Benzo(a)anthracene	21.256	228	1391182	21.958	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	828890	23.310	ng/ul	100
87) Chrysene	21.315	228	1323533	21.740	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	1428839	22.111	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1407546	22.306	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1371289	21.796	ng/ul	100
93) Benzo(a)pyrene	24.044	252	1301555	21.939	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.450	276	1645823	21.347	ng/ul	98
95) Dibenzo(a,h)anthracene	27.497	278	1342671	21.321	ng/ul	100
96) Benzo(g,h,i)perylene	28.468	276	1274989	21.091	ng/ul	99

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

