

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048578.D
 Acq On : 11 Nov 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020052

Quant Time: Nov 11 10:59:52 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 11/12/2024
 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	146982	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	603070	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	366230	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	747626	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	722819	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	833206	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	29262	7.937	ng/uL	0.00
4) Pyridine-d5	3.540	84	202240	19.904	ng/u1	0.00
7) Phenol-d5	6.840	99	227140	20.300	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	135546	20.169	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	193813	20.911	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	178583	20.299	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	91623	20.962	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	96222	20.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	181528	21.018	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	249678	20.352	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	483651	20.688	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	576508	20.916	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	78886	18.168	ng/u1	0.00
60) Fluorene-d10	15.304	176	427830	20.965	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	68060	18.096	ng/u1	0.00
73) Anthracene-d10	17.151	188	665612	21.039	ng/u1	0.00
81) Pyrene-d10	19.451	212	778612	21.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.991	264	808699	20.773	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	32047	7.920	ng/uL	99
5) Pyridine	3.563	79	207608	19.904	ng/u1	95
6) Benzaldehyde	6.804	77	142294	25.735	ng/u1	95
8) Phenol	6.869	94	237836	20.260	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	186769	20.245	ng/u1	99
12) 2-Chlorophenol	7.228	128	198728	20.697	ng/u1	98
13) 2-Methylphenol	8.110	108	177311	20.404	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	275615	20.315	ng/u1	98
16) Acetophenone	8.487	105	291803	21.278	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	137084	21.270	ng/u1	98
18) 4-Methylphenol	8.440	108	196207	20.620	ng/u1	100
19) Hexachloroethane	8.728	117	82783	20.401	ng/u1	95
22) Nitrobenzene	8.857	77	205667	20.752	ng/u1	98
23) Isophorone	9.387	82	374296	20.417	ng/u1	100
25) 2-Nitrophenol	9.569	139	107720	21.260	ng/u1	97
26) 2,4-Dimethylphenol	9.634	107	197507	20.869	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	236476	20.666	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	183839	20.984	ng/u1	97
30) Naphthalene	10.492	128	625210	20.482	ng/u1	99
32) 4-Chloroaniline	10.616	127	234980	20.314	ng/u1	98
33) Hexachlorobutadiene	10.781	225	120307	20.293	ng/u1	99
34) Caprolactam	11.392	113	53140	19.245	ng/u1	97
35) 4-Chloro-3-methylphenol	11.751	107	178231	21.024	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	409894	20.987	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	418913	20.900	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.492	216	216543	20.634	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	93056	17.347	ng/ul	100
41) 2,4,6-Trichlorophenol	12.739	196	139548	21.051	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	146562	20.761	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	523394	20.901	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	413707	20.936	ng/ul	99
45) 2-Nitroaniline	13.392	65	105819	21.324	ng/ul	99
47) Dimethylphthalate	13.769	163	483048	20.570	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	94686	21.150	ng/ul	97
50) Acenaphthylene	14.027	152	637801	20.993	ng/ul	100
51) 3-Nitroaniline	14.227	138	98612	20.284	ng/ul	95
52) Acenaphthene	14.374	153	444935	20.802	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	34105	14.169	ng/ul	97
55) 4-Nitrophenol	14.551	109	56936	18.137	ng/ul	95
56) Dibenzofuran	14.710	168	614746	20.834	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	142492	21.897	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.945	232	124141	21.140	ng/ul	97
59) Diethylphthalate	15.139	149	483362	20.891	ng/ul	99
61) Fluorene	15.357	166	495690	21.219	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.357	204	241440	20.978	ng/ul	99
63) 4-Nitroaniline	15.392	138	100744m	21.044	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	75216	18.378	ng/ul	97
67) N-Nitrosodiphenylamine	15.569	169	408720	20.742	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	145459	20.630	ng/ul	98
69) Hexachlorobenzene	16.363	284	174986	20.563	ng/ul	98
70) Atrazine	16.527	200	147056	20.506	ng/ul	99
71) Pentachlorophenol	16.715	266	107652	19.905	ng/ul	98
72) Phenanthrene	17.098	178	773060	20.849	ng/ul	99
74) Anthracene	17.186	178	787062	21.151	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	213571	20.025	ng/uL	99
76) Pentachlorobenzene	14.633	250	212048	20.406	ng/uL	99
77) Carbazole	17.462	167	717423	21.404	ng/ul	99
78) Di-n-butylphthalate	18.027	149	813249	20.637	ng/ul	99
80) Fluoranthene	19.115	202	897110	21.314	ng/ul	99
82) Pyrene	19.480	202	978001	21.429	ng/ul	98
83) Butylbenzylphthalate	20.380	149	372011	21.220	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.192	252	297692	22.667	ng/ul	99
85) Benzo(a)anthracene	21.262	228	956312	20.988	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	541395	21.169	ng/ul	100
87) Chrysene	21.321	228	922864	21.077	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	937982	19.970	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	972638	21.206	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	959157	20.974	ng/ul	99
93) Benzo(a)pyrene	24.050	252	909008	21.079	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.462	276	1149095	20.504	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	934753	20.421	ng/ul	99
96) Benzo(g,h,i)perylene	28.474	276	899572	20.472	ng/ul	99

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

