

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047847.D
 Acq On : 04 Oct 2024 18:17
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020162

Quant Time: Oct 04 23:00:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	207088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	840009	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	524609	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1077389	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1046586	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1171172	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	41289	6.443	ng/uL	0.00
4) Pyridine-d5	3.663	84	293299	15.632	ng/ul	0.00
7) Phenol-d5	6.963	99	323356	16.513	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	205999	14.825	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	270217	18.966	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	256396	17.610	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	128155	19.161	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	135224	21.098	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	259016	20.230	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	366845	18.533	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	735072	19.326	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	859447	19.058	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	137536	18.162	ng/ul	0.00
60) Fluorene-d10	15.421	176	636182	19.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	108496	17.209	ng/ul	0.00
73) Anthracene-d10	17.268	188	980507	18.508	ng/ul	0.00
81) Pyrene-d10	19.556	212	1132504	19.066	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1126537	18.539	ng/ul	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.287	88	45586	6.513	ng/uL#	86
5) Pyridine	3.687	79	299163	15.145	ng/ul	93
6) Benzaldehyde	6.940	77	156895	14.733	ng/ul	93
8) Phenol	6.993	94	331489	15.909	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.222	93	274492	16.533	ng/ul	89
12) 2-Chlorophenol	7.363	128	276899	18.346	ng/ul	93
13) 2-Methylphenol	8.240	108	248879	17.130	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	418184	13.380	ng/ul#	94
16) Acetophenone	8.616	105	416971	16.738	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.604	70	212890	16.134	ng/ul#	91
18) 4-Methylphenol	8.569	108	271446	16.625	ng/ul	99
19) Hexachloroethane	8.881	117	121543	17.915	ng/ul	90
22) Nitrobenzene	8.992	77	309348	16.282	ng/ul	93
23) Isophorone	9.522	82	586034	17.243	ng/ul	95
25) 2-Nitrophenol	9.704	139	147347	20.096	ng/ul	89
26) 2,4-Dimethylphenol	9.769	107	286078	18.209	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.004	93	360856	17.359	ng/ul	97
29) 2,4-Dichlorophenol	10.239	162	256507	19.402	ng/ul	98
30) Naphthalene	10.639	128	888807	18.395	ng/ul	99
32) 4-Chloroaniline	10.751	127	348843	17.898	ng/ul	98
33) Hexachlorobutadiene	10.933	225	172679	19.768	ng/ul	98
34) Caprolactam	11.522	113	76884m	18.184	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	256858	18.769	ng/ul	95
36) 2-Methylnaphthalene	12.257	142	579871	18.888	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	607373	19.445	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	315095	18.451	ng/ul#	96
40) Hexachlorocyclopentadiene	12.610	237	181175	17.540	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	200841	20.326	ng/ul	100
42) 2,4,5-Trichlorophenol	12.933	196	214039	19.809	ng/ul	96
43) 1,1'-Biphenyl	13.269	154	762293	18.149	ng/ul#	97
44) 2-Chloronaphthalene	13.310	162	607446	18.699	ng/ul	97
45) 2-Nitroaniline	13.510	65	160292	15.544	ng/ul#	78
47) Dimethylphthalate	13.886	163	744873	19.338	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	137652	20.348	ng/ul	87
50) Acenaphthylene	14.157	152	1001937	19.701	ng/ul	99
51) 3-Nitroaniline	14.333	138	136737	16.701	ng/ul	89
52) Acenaphthene	14.498	153	649880	18.077	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	62623m	14.981	ng/ul	
55) 4-Nitrophenol	14.639	109	105626	16.613	ng/ul	91
56) Dibenzofuran	14.833	168	898234	18.561	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	203506	20.030	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.057	232	186710	21.922	ng/ul#	96
59) Diethylphthalate	15.251	149	747022	19.383	ng/ul	98
61) Fluorene	15.480	166	742960	18.402	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.474	204	367663	19.272	ng/ul	96
63) 4-Nitroaniline	15.492	138	135414	17.030	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.551	198	119184	17.060	ng/ul#	89
67) N-Nitrosodiphenylamine	15.686	169	604120	17.994	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	220629	19.867	ng/ul	98
69) Hexachlorobenzene	16.480	284	258136	19.974	ng/ul	97
70) Atrazine	16.633	200	188593	16.875	ng/ul	99
71) Pentachlorophenol	16.827	266	158027	19.229	ng/ul	100
72) Phenanthrene	17.215	178	1152558	18.242	ng/ul	98
74) Anthracene	17.304	178	1194766	18.540	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.233	216	308052	17.269	ng/uL	99
76) Pentachlorobenzene	14.751	250	308982	17.745	ng/uL	97
77) Carbazole	17.568	167	1061754	18.177	ng/ul	98
78) Di-n-butylphthalate	18.139	149	1264760	19.449	ng/ul	98
80) Fluoranthene	19.221	202	1346842	19.252	ng/ul	98
82) Pyrene	19.586	202	1425873	18.313	ng/ul	95
83) Butylbenzylphthalate	20.480	149	551297	20.028	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.303	252	401382	18.150	ng/ul	99
85) Benzo(a)anthracene	21.380	228	1412099	19.270	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	822007	19.890	ng/ul	97
87) Chrysene	21.439	228	1335370	18.693	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	1375014	18.202	ng/ul	100
90) Benzo(b)fluoranthene	23.444	252	1392327	19.063	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	1377110	18.440	ng/ul	98
93) Benzo(a)pyrene	24.250	252	1300578	18.750	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.779	276	1566837	17.626	ng/ul	98
95) Dibenzo(a,h)anthracene	27.832	278	1321698	18.143	ng/ul	98
96) Benzo(g,h,i)perylene	28.826	276	1290750	18.533	ng/ul	96

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

