

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
 Data File : BM045797.D
 Acq On : 03 Jun 2024 08:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020109

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 11:17:08 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 31 13:01:11 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	200436	20.000	ng/u1	0.00
20) Naphthalene-d8	10.233	136	820632	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	516865	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	968174	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	757033	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	803750	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	44453	8.599	ng/uL	0.00
4) Pyridine-d5	3.463	84	241924	18.174	ng/u1	0.00
7) Phenol-d5	6.722	99	345872	20.312	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	264600	21.641	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	268046	21.074	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	269033	20.913	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	133814	20.856	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	138814	21.377	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	261686	21.490	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	354173	21.015	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	735503	20.555	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	866397	20.851	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	154014	19.944	ng/u1	0.00
60) Fluorene-d10	15.110	176	643229	21.071	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	92843	18.779	ng/u1	0.00
73) Anthracene-d10	16.957	188	921117	21.885	ng/u1	0.00
81) Pyrene-d10	19.250	212	983288	20.886	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	791665	21.074	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.087	88	46868	8.191	ng/uL	97
5) Pyridine	3.481	79	272638	19.943	ng/u1	98
6) Benzaldehyde	6.640	77	167369	20.898	ng/u1	95
8) Phenol	6.745	94	361682	20.481	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.928	93	309494	20.997	ng/u1	99
12) 2-Chlorophenol	7.063	128	283858	21.184	ng/u1	99
13) 2-Methylphenol	7.969	108	263623	20.387	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.010	45	628518	21.649	ng/u1	99
16) Acetophenone	8.304	105	457760	21.351	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.292	70	254496	21.481	ng/u1	92
18) 4-Methylphenol	8.298	108	285911	21.368	ng/u1	99
19) Hexachloroethane	8.534	117	137629	21.385	ng/u1	94
22) Nitrobenzene	8.669	77	393738	21.927	ng/u1	98
23) Isophorone	9.204	82	680342	21.442	ng/u1	99
25) 2-Nitrophenol	9.375	139	156585	22.059	ng/u1	99
26) 2,4-Dimethylphenol	9.475	107	312867	21.726	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.686	93	407855	21.173	ng/u1	99
29) 2,4-Dichlorophenol	9.916	162	262416	21.629	ng/u1	98
30) Naphthalene	10.280	128	938903	21.456	ng/u1	99
32) 4-Chloroaniline	10.439	127	344725	20.925	ng/u1	98
33) Hexachlorobutadiene	10.580	225	174334	20.976	ng/u1	97
34) Caprolactam	11.280	113	68307m	19.990	ng/u1	
35) 4-Chloro-3-methylphenol	11.592	107	285972	21.726	ng/u1	100
36) 2-Methylnaphthalene	11.904	142	621141	21.432	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.127	142	626368	21.617	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.274	216	312540	20.190	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	179417	19.098	ng/ul	98
41) 2,4,6-Trichlorophenol	12.551	196	184545	20.491	ng/ul	95
42) 2,4,5-Trichlorophenol	12.633	196	199172	20.379	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	791620	20.643	ng/ul	99
44) 2-Chloronaphthalene	12.974	162	619598	20.619	ng/ul	98
45) 2-Nitroaniline	13.221	65	220737	21.511	ng/ul	99
47) Dimethylphthalate	13.604	163	754967	20.779	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	144162	20.625	ng/ul#	82
50) Acenaphthylene	13.827	152	1014482	21.095	ng/ul	99
51) 3-Nitroaniline	14.063	138	123021	19.167	ng/ul	99
52) Acenaphthene	14.174	153	685648	21.365	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	43003	13.512	ng/ul	93
55) 4-Nitrophenol	14.421	109	134126	21.052	ng/ul	92
56) Dibenzofuran	14.515	168	918922	21.234	ng/ul	100
57) 2,4-Dinitrotoluene	14.504	165	206186	21.322	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.763	232	153637	20.806	ng/ul#	93
59) Diethylphthalate	14.974	149	778935	21.410	ng/ul	98
61) Fluorene	15.163	166	750850	21.533	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.168	204	365734	21.131	ng/ul	96
63) 4-Nitroaniline	15.239	138	101261	19.000	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.263	198	105047	19.359	ng/ul	94
67) N-Nitrosodiphenylamine	15.392	169	600552	21.889	ng/ul	99
68) 4-Bromophenyl-phenylether	16.062	248	217638	21.561	ng/ul	98
69) Hexachlorobenzene	16.162	284	234625	21.018	ng/ul	98
70) Atrazine	16.362	200	163518	19.661	ng/ul	98
71) Pentachlorophenol	16.533	266	105162	18.566	ng/ul	98
72) Phenanthrene	16.898	178	1100438	21.571	ng/ul	99
74) Anthracene	16.986	178	1120700	21.994	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.898	216	306923	20.441	ng/uL	99
76) Pentachlorobenzene	14.427	250	296739	21.129	ng/uL	100
77) Carbazole	17.280	167	956748	22.005	ng/ul	99
78) Di-n-butylphthalate	17.851	149	1259341	22.025	ng/ul	99
80) Fluoranthene	18.915	202	1199304	21.013	ng/ul	99
82) Pyrene	19.286	202	1243441	21.205	ng/ul	99
83) Butylbenzylphthalate	20.215	149	507101	21.219	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.003	252	300726	20.111	ng/ul	97
85) Benzo(a)anthracene	21.050	228	1088473	20.823	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.009	149	755839	21.287	ng/ul	99
87) Chrysene	21.109	228	1014842	20.987	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	1218685	19.826	ng/ul	100
90) Benzo(b)fluoranthene	22.938	252	1040324	21.062	ng/ul	98
91) Benzo(k)fluoranthene	22.997	252	1001555	20.760	ng/ul	99
93) Benzo(a)pyrene	23.662	252	920679	21.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.791	276	989837	20.883	ng/ul	98
95) Dibenzo(a,h)anthracene	26.838	278	770665	20.557	ng/ul	99
96) Benzo(g,h,i)perylene	27.726	276	878257	21.037	ng/ul	99

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

