

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
 Data File : BM044503.D
 Acq On : 05 Mar 2024 15:52
 Operator : MA/JU
 Sample : SSTD04003
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD040023

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 05 16:32:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 05 15:51:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	243368	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1136059	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.368	164	678190	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1422461	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1259462	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	1390016	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	121625	16.063	ng/uL	0.00
4) Pyridine-d5	3.681	84	904747	43.020	ng/u1	0.00
7) Phenol-d5	6.910	99	1059279	44.888	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	660954	43.552	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	815137	46.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.439	113	846170	46.962	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	427093	46.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	465637	48.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	774556	46.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	1265489	44.695	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	2309780	44.139	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	2679766	44.584	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	489870	46.217	ng/u1	0.00
60) Fluorene-d10	15.368	176	1939875	44.007	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	410184	45.697	ng/u1	0.00
73) Anthracene-d10	17.221	188	2962286	43.707	ng/u1	0.00
81) Pyrene-d10	19.515	212	3367868	44.466	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	3170101	44.458	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	125501	15.737	ng/uL	97
5) Pyridine	3.699	79	927865	42.277	ng/u1	98
6) Benzaldehyde	6.892	77	500671	49.038	ng/u1	99
8) Phenol	6.934	94	1085759	44.485	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.175	93	895131	43.863	ng/u1	99
12) 2-Chlorophenol	7.298	128	832918	45.583	ng/u1	99
13) 2-Methylphenol	8.175	108	832313	45.938	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	1189320	42.916	ng/u1	99
16) Acetophenone	8.563	105	1344010	46.684	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.551	70	704611	48.855	ng/u1	99
18) 4-Methylphenol	8.504	108	909281	46.851	ng/u1	98
19) Hexachloroethane	8.792	117	333698	43.291	ng/u1	97
22) Nitrobenzene	8.939	77	980999	43.994	ng/u1	100
23) Isophorone	9.463	82	2027532	46.216	ng/u1	99
25) 2-Nitrophenol	9.639	139	500683	47.251	ng/u1	99
26) 2,4-Dimethylphenol	9.698	107	913588	45.735	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.945	93	1247146	44.049	ng/u1	99
29) 2,4-Dichlorophenol	10.163	162	770361	45.435	ng/u1	100
30) Naphthalene	10.563	128	2763699	42.926	ng/u1	99
32) 4-Chloroaniline	10.686	127	1224461	44.487	ng/u1	98
33) Hexachlorobutadiene	10.833	225	417663	41.451	ng/u1	99
34) Caprolactam	11.480	113	287925m	47.329	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	899811	48.854	ng/u1	99
36) 2-Methylnaphthalene	12.180	142	1843874	44.513	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1814342	44.285	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	836669	42.181	ng/ul	100
40) Hexachlorocyclopentadiene	12.516	237	542056	39.956	ng/ul	100
41) 2,4,6-Trichlorophenol	12.798	196	608422	47.314	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	647788	46.701	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	2320113	42.440	ng/ul	99
44) 2-Chloronaphthalene	13.245	162	1835875	42.857	ng/ul	99
45) 2-Nitroaniline	13.463	65	605117	50.053	ng/ul	97
47) Dimethylphthalate	13.845	163	2342992	43.859	ng/ul	99
48) 2,6-Dinitrotoluene	13.968	165	489757	48.511	ng/ul	96
50) Acenaphthylene	14.092	152	3103653	43.810	ng/ul	100
51) 3-Nitroaniline	14.292	138	507350	47.148	ng/ul	97
52) Acenaphthene	14.439	153	2005912	42.880	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	297770	46.147	ng/ul	95
55) 4-Nitrophenol	14.604	109	337841	46.472	ng/ul	96
56) Dibenzofuran	14.774	168	2658009	42.427	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	708060	48.786	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.998	232	528726	47.214	ng/ul	98
59) Diethylphthalate	15.215	149	2442236	44.414	ng/ul	99
61) Fluorene	15.427	166	2168140	42.973	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.421	204	1001179	42.148	ng/ul	99
63) 4-Nitroaniline	15.462	138	504379m	48.749	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.515	198	441209	45.193	ng/ul	99
67) N-Nitrosodiphenylamine	15.639	169	1860259	43.312	ng/ul	99
68) 4-Bromophenyl-phenylether	16.321	248	614456	43.479	ng/ul	96
69) Hexachlorobenzene	16.415	284	699353	43.272	ng/ul	99
70) Atrazine	16.604	200	613685	43.263	ng/ul	99
71) Pentachlorophenol	16.768	266	476394	44.370	ng/ul	97
72) Phenanthrene	17.162	178	3482555	42.804	ng/ul	100
74) Anthracene	17.256	178	3528932	43.091	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	825028	41.886	ng/uL	100
76) Pentachlorobenzene	14.686	250	794095	42.113	ng/uL	100
77) Carbazole	17.533	167	3377469	43.571	ng/ul	99
78) Di-n-butylphthalate	18.103	149	4451794	45.239	ng/ul	99
80) Fluoranthene	19.180	202	4014721	44.316	ng/ul	100
82) Pyrene	19.545	202	4148955	43.755	ng/ul	100
83) Butylbenzylphthalate	20.462	149	2088262	48.260	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	1262611	44.686	ng/ul	100
85) Benzo(a)anthracene	21.297	228	4067174	43.282	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	2942451	44.749	ng/ul	100
87) Chrysene	21.350	228	3773617	42.749	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	5386432	44.748	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	3999952	44.713	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	3975249	43.392	ng/ul	99
93) Benzo(a)pyrene	23.468	252	3788582	44.166	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.844	276	4255152	41.328	ng/ul	99
95) Dibenzo(a,h)anthracene	25.862	278	3577892	41.659	ng/ul	99
96) Benzo(g,h,i)perylene	26.544	276	3361442	40.425	ng/ul	99

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

