

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048100.D
 Acq On : 16 Oct 2024 23:46
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020184

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2024

Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 17 00:22:01 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 10 05:10:14 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	437195	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1828921	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	1117922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	2155365	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1782165	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	2026126	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	80040	5.916	ng/uL	0.00
4) Pyridine-d5	3.652	84	590521	14.908	ng/ul	0.00
7) Phenol-d5	6.957	99	716609	17.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	426467	14.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	628502	20.896	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	578298	18.814	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	308004	21.151	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	342975	24.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	603438	21.647	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	803577	18.646	ng/ul	-0.01
46) Dimethylphthalate-d6	13.827	166	1581473	19.512	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1884107	19.606	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	295433	18.308	ng/ul	0.01
60) Fluorene-d10	15.410	176	1346314	19.177	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	201383	15.966	ng/ul	0.00
73) Anthracene-d10	17.257	188	2005604	18.924	ng/ul	0.00
81) Pyrene-d10	19.545	212	2196540	21.716	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	2040310	19.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	89187	6.036	ng/uL#	86
5) Pyridine	3.669	79	608479	14.591	ng/ul	86
6) Benzaldehyde	6.922	77	416379	18.520	ng/ul	86
8) Phenol	6.981	94	732569	16.654	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.204	93	596762	17.026	ng/ul	87
12) 2-Chlorophenol	7.346	128	620956	19.487	ng/ul#	90
13) 2-Methylphenol	8.228	108	570399	18.596	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	853310	12.932	ng/ul#	93
16) Acetophenone	8.598	105	900496	17.122	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.587	70	430071	15.439	ng/ul#	84
18) 4-Methylphenol	8.557	108	609845	17.693	ng/ul	98
19) Hexachloroethane	8.857	117	255124	17.813	ng/ul	84
22) Nitrobenzene	8.975	77	661178	15.984	ng/ul#	87
23) Isophorone	9.504	82	1270242	17.166	ng/ul#	94
25) 2-Nitrophenol	9.687	139	354688	22.217	ng/ul#	84
26) 2,4-Dimethylphenol	9.751	107	614550	17.965	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.981	93	793813	17.539	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	583031	20.255	ng/ul	97
30) Naphthalene	10.622	128	1985824	18.877	ng/ul	100
32) 4-Chloroaniline	10.734	127	756412	17.825	ng/ul	100
33) Hexachlorobutadiene	10.904	225	383262	20.152	ng/ul	97
34) Caprolactam	11.516	113	182540	19.829	ng/ul#	67
35) 4-Chloro-3-methylphenol	11.869	107	577225	19.372	ng/ul#	91
36) 2-Methylnaphthalene	12.233	142	1297684	19.414	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	1332883	19.599	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	696795	19.147	ng/ul#	95
40) Hexachlorocyclopentadiene	12.580	237	283980	12.902	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	461765	21.931	ng/ul	98
42) 2,4,5-Trichlorophenol	12.927	196	491749	21.357	ng/ul	96
43) 1,1'-Biphenyl	13.245	154	1648782	18.421	ng/ul#	98
44) 2-Chloronaphthalene	13.292	162	1325918	19.154	ng/ul	96
45) 2-Nitroaniline	13.498	65	356957m	16.243	ng/ul	
47) Dimethylphthalate	13.874	163	1583746	19.295	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	336241	23.325	ng/ul#	78
50) Acenaphthylene	14.139	152	2131979	19.672	ng/ul	99
51) 3-Nitroaniline	14.322	138	361417	20.715	ng/ul	85
52) Acenaphthene	14.480	153	1384914	18.078	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	137187	15.401	ng/ul#	74
55) 4-Nitrophenol	14.645	109	229183	16.915	ng/ul	83
56) Dibenzofuran	14.816	168	1899563	18.420	ng/ul	95
57) 2,4-Dinitrotoluene	14.786	165	470003	21.708	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.045	232	397112	21.880	ng/ul#	95
59) Diethylphthalate	15.239	149	1586709	19.320	ng/ul	98
61) Fluorene	15.463	166	1488458	17.301	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	754062	18.549	ng/ul	95
63) 4-Nitroaniline	15.486	138	365372	21.563	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.551	198	213510	15.277	ng/ul#	82
67) N-Nitrosodiphenylamine	15.668	169	1260446	18.767	ng/ul	98
68) 4-Bromophenyl-phenylether	16.351	248	468862	21.104	ng/ul	96
69) Hexachlorobenzene	16.468	284	549032	21.235	ng/ul	93
70) Atrazine	16.621	200	428403	19.161	ng/ul	98
71) Pentachlorophenol	16.815	266	362686	22.061	ng/ul	99
72) Phenanthrene	17.198	178	2300565	18.201	ng/ul	99
74) Anthracene	17.292	178	2364686	18.343	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	674911	18.912	ng/ul	99
76) Pentachlorobenzene	14.739	250	659351	18.928	ng/ul	99
77) Carbazole	17.562	167	2115964	18.108	ng/ul	98
78) Di-n-butylphthalate	18.121	149	2742372	21.080	ng/ul#	99
80) Fluoranthene	19.215	202	2619619	21.990	ng/ul	98
82) Pyrene	19.574	202	2695626	20.331	ng/ul	97
83) Butylbenzylphthalate	20.468	149	1235227	26.352	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.286	252	777012	20.634	ng/ul	99
85) Benzo(a)anthracene	21.368	228	2559609	20.513	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1742536	24.761	ng/ul	98
87) Chrysene	21.427	228	2360568	19.405	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3103382	23.747	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	2526818	19.998	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	2516637	19.479	ng/ul	99
93) Benzo(a)pyrene	24.239	252	2375708	19.797	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	2943656	19.142	ng/ul	99
95) Dibenzo(a,h)anthracene	27.815	278	2451803	19.454	ng/ul	98
96) Benzo(g,h,i)perylene	28.821	276	2383501	19.782	ng/ul	97

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

