

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
 Data File : BM047791.D
 Acq On : 03 Oct 2024 01:09
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020157

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 03 01:53:03 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Sat Sep 28 02:30:36 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	365444	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1540386	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.439	164	970825	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	2010230	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1887278	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	2132757	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	72825	6.440	ng/uL	0.00
4) Pyridine-d5	3.663	84	552921	16.699	ng/ul	-0.01
7) Phenol-d5	6.969	99	630610	18.249	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	393733	16.057	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.339	132	516302	20.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	492005	19.150	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	249041	20.306	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	263648	22.432	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	498421	21.229	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	703432	19.379	ng/ul	-0.01
46) Dimethylphthalate-d6	13.851	166	1424833	20.243	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1663954	19.939	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	283146	20.205	ng/ul	0.00
60) Fluorene-d10	15.433	176	1221679	20.039	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	217488	18.488	ng/ul	0.00
73) Anthracene-d10	17.274	188	1900414	19.226	ng/ul	-0.01
81) Pyrene-d10	19.562	212	2172306	20.281	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	2184935	19.745	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	78251	6.335	ng/uL	88
5) Pyridine	3.687	79	574534	16.482	ng/ul	90
6) Benzaldehyde	6.945	77	399221	21.243	ng/ul	93
8) Phenol	6.998	94	659450	17.935	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.228	93	518073	17.683	ng/ul	92
12) 2-Chlorophenol	7.369	128	539093	20.240	ng/ul	92
13) 2-Methylphenol	8.245	108	488084	19.037	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	795745	14.428	ng/ul#	95
16) Acetophenone	8.628	105	816154	18.565	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.616	70	410357	17.623	ng/ul#	90
18) 4-Methylphenol	8.575	108	549313	19.065	ng/ul	99
19) Hexachloroethane	8.886	117	223843	18.697	ng/ul	93
22) Nitrobenzene	9.004	77	601936	17.277	ng/ul	91
23) Isophorone	9.533	82	1136010	18.228	ng/ul	95
25) 2-Nitrophenol	9.710	139	289906	21.561	ng/ul	90
26) 2,4-Dimethylphenol	9.775	107	539872	18.739	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.010	93	684442	17.955	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	506491	20.892	ng/ul	97
30) Naphthalene	10.651	128	1702234	19.212	ng/ul	99
32) 4-Chloroaniline	10.757	127	688705	19.269	ng/ul	99
33) Hexachlorobutadiene	10.939	225	316833	19.779	ng/ul	99
34) Caprolactam	11.533	113	177400m	22.880	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	523260	20.850	ng/ul	94
36) 2-Methylnaphthalene	12.263	142	1145207	20.342	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1158945	20.234	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	597128	18.895	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	326317	17.072	ng/ul	98
41) 2,4,6-Trichlorophenol	12.869	196	388695	21.257	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	426972	21.354	ng/ul	96
43) 1,1'-Biphenyl	13.274	154	1470802	18.922	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	1139447	18.954	ng/ul	97
45) 2-Nitroaniline	13.516	65	339365	17.783	ng/ul#	80
47) Dimethylphthalate	13.898	163	1436246	20.149	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	283671	22.660	ng/ul	87
50) Acenaphthylene	14.163	152	1824804	19.389	ng/ul	99
51) 3-Nitroaniline	14.339	138	323524	21.353	ng/ul	87
52) Acenaphthene	14.504	153	1264319	19.004	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	152574	19.724	ng/ul#	78
55) 4-Nitrophenol	14.651	109	219740	18.676	ng/ul	88
56) Dibenzofuran	14.839	168	1728451	19.301	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	417405	22.200	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.062	232	354269	22.477	ng/ul#	99
59) Diethylphthalate	15.262	149	1461249	20.488	ng/ul	98
61) Fluorene	15.486	166	1420169	19.008	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.480	204	685762	19.424	ng/ul	97
63) 4-Nitroaniline	15.498	138	327989	22.290	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	245710	18.850	ng/ul#	92
67) N-Nitrosodiphenylamine	15.692	169	1186065	18.934	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	415070	20.031	ng/ul	96
69) Hexachlorobenzene	16.492	284	482466	20.008	ng/ul	94
70) Atrazine	16.645	200	422714	20.272	ng/ul	98
71) Pentachlorophenol	16.827	266	319296	20.824	ng/ul	99
72) Phenanthrene	17.221	178	2215445	18.793	ng/ul	99
74) Anthracene	17.309	178	2258993	18.788	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	598876	17.993	ng/uL	99
76) Pentachlorobenzene	14.762	250	594027	18.284	ng/uL	98
77) Carbazole	17.580	167	2060013	18.902	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2575138	21.224	ng/ul	99
80) Fluoranthene	19.233	202	2556508	20.265	ng/ul	97
82) Pyrene	19.592	202	2773345	19.752	ng/ul	96
83) Butylbenzylphthalate	20.486	149	1146890	23.105	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.303	252	779829	19.555	ng/ul	100
85) Benzo(a)anthracene	21.386	228	2617271	19.807	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	1737803	23.318	ng/ul	97
87) Chrysene	21.444	228	2473382	19.200	ng/ul	98
89) Di-n-octyl phthalate	22.444	149	2914954	21.190	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	2559062	19.240	ng/ul	99
91) Benzo(k)fluoranthene	23.521	252	2621999	19.280	ng/ul	99
93) Benzo(a)pyrene	24.268	252	2407341	19.058	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.791	276	3064068	18.928	ng/ul	99
95) Dibenzo(a,h)anthracene	27.850	278	2496835	18.821	ng/ul	98
96) Benzo(g,h,i)perylene	28.850	276	2388902	18.835	ng/ul	97

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

