

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047480.D
 Acq On : 11 Sep 2024 14:02
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020141

Manual Integrations

APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Sep 12 04:00:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 00:35:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	397721	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1805627	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1134013	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2186775	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	1905782	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	1667921	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	81564	8.271	ng/uL	0.00
4) Pyridine-d5	3.710	84	642897	20.405	ng/u1	0.00
7) Phenol-d5	7.022	99	705405	18.921	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	472948	20.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	556595	19.603	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	560787	19.137	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	279653	20.055	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	259199	19.676	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	514948	19.225	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	827630	18.879	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1535904	18.427	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1899810	18.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	296184	17.935	ng/u1	0.00
60) Fluorene-d10	15.486	176	1338590	18.585	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	193867	16.770	ng/u1	0.00
73) Anthracene-d10	17.333	188	2037999	19.354	ng/u1	0.00
81) Pyrene-d10	19.615	212	2135375	19.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	1710156	19.295	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	86955	8.170	ng/uL	97
5) Pyridine	3.734	79	658344	20.237	ng/u1	98
6) Benzaldehyde	7.004	77	486765m	24.668	ng/u1	
8) Phenol	7.045	94	739935	19.280	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.292	93	603433	19.883	ng/u1	98
12) 2-Chlorophenol	7.434	128	583910	19.856	ng/u1	99
13) 2-Methylphenol	8.304	108	548694	18.993	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.392	45	917335	20.625	ng/u1	99
16) Acetophenone	8.686	105	957461	20.304	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	525603	21.002	ng/u1	96
18) 4-Methylphenol	8.628	108	617233	19.568	ng/u1	100
19) Hexachloroethane	8.957	117	253659	20.075	ng/u1	97
22) Nitrobenzene	9.063	77	714451	20.504	ng/u1	100
23) Isophorone	9.592	82	1387829	19.972	ng/u1	98
25) 2-Nitrophenol	9.775	139	306232	20.107	ng/u1	94
26) 2,4-Dimethylphenol	9.833	107	647680	19.771	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	832931	19.809	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	528008	19.443	ng/u1	98
30) Naphthalene	10.716	128	1947720	19.579	ng/u1	99
32) 4-Chloroaniline	10.816	127	832011	19.291	ng/u1	98
33) Hexachlorobutadiene	11.016	225	314381	19.410	ng/u1	99
34) Caprolactam	11.563	113	174582m	16.691	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	593360	19.403	ng/u1	98
36) 2-Methylnaphthalene	12.327	142	1320878	19.316	ng/u1	98

09/12/2024

Supervised By :mohammad
 Ahmed

09/13/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.545	142	1330977	19.265	ng/ul	98	09/12/2024
39) 1,2,4,5-Tetrachloroben...	12.692	216	628127	18.658	ng/ul	99	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.686	237	384645	16.619	ng/ul	99	
41) 2,4,6-Trichlorophenol	12.927	196	386178	18.694	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.998	196	426170	18.981	ng/ul	99	
43) 1,1'-Biphenyl	13.339	154	1693313	18.943	ng/ul	99	
44) 2-Chloronaphthalene	13.374	162	1304352	19.028	ng/ul	99	09/13/2024
45) 2-Nitroaniline	13.569	65	408226	20.470	ng/ul	99	
47) Dimethylphthalate	13.957	163	1596760	18.860	ng/ul	99	
48) 2,6-Dinitrotoluene	14.063	165	303059	19.616	ng/ul	92	
50) Acenaphthylene	14.221	152	2096484	19.283	ng/ul	100	
51) 3-Nitroaniline	14.386	138	346084	19.187	ng/ul	99	
52) Acenaphthene	14.563	153	1491851	19.314	ng/ul	99	
53) 2,4-Dinitrophenol	14.592	184	136938	16.108	ng/ul	94	
55) 4-Nitrophenol	14.686	109	265479	19.094	ng/ul	98	
56) Dibenzofuran	14.898	168	1912870	19.053	ng/ul	99	
57) 2,4-Dinitrotoluene	14.845	165	440369	19.794	ng/ul	90	
58) 2,3,4,6-Tetrachlorophenol	15.115	232	324993	18.810	ng/ul	96	
59) Diethylphthalate	15.321	149	1666470	18.604	ng/ul	99	
61) Fluorene	15.545	166	1732093	19.769	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.539	204	811212	19.994	ng/ul	98	
63) 4-Nitroaniline	15.545	138	387998	21.738	ng/ul	100	
66) 4,6-Dinitro-2-methylph...	15.610	198	229627	17.573	ng/ul	99	
67) N-Nitrosodiphenylamine	15.751	169	1340761	19.723	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.433	248	416533	18.411	ng/ul	99	
69) Hexachlorobenzene	16.545	284	469503	18.162	ng/ul	99	
70) Atrazine	16.698	200	427880	17.917	ng/ul	99	
71) Pentachlorophenol	16.880	266	264821	16.278	ng/ul	99	
72) Phenanthrene	17.274	178	2415684	19.364	ng/ul	100	
74) Anthracene	17.368	178	2512057	19.887	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.298	216	619059	19.467	ng/ul	99	
76) Pentachlorobenzene	14.816	250	592754	18.873	ng/ul	99	
77) Carbazole	17.627	167	2231860	19.325	ng/ul	100	
78) Di-n-butylphthalate	18.209	149	2825601	18.976	ng/ul	99	
80) Fluoranthene	19.286	202	2584214	19.740	ng/ul	99	
82) Pyrene	19.645	202	2858742	20.488	ng/ul	99	
83) Butylbenzylphthalate	20.545	149	1157139	18.167	ng/ul	95	
84) 3,3'-Dichlorobenzidine	21.362	252	742406	16.476	ng/ul	99	
85) Benzo(a)anthracene	21.444	228	2601514	19.110	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.386	149	1773449	18.361	ng/ul	100	
87) Chrysene	21.509	228	2398330	19.095	ng/ul	99	
89) Di-n-octyl phthalate	22.544	149	2731596	20.500	ng/ul	100	
90) Benzo(b)fluoranthene	23.544	252	2178037	20.343	ng/ul	99	
91) Benzo(k)fluoranthene	23.609	252	2177798	20.710	ng/ul	99	
93) Benzo(a)pyrene	24.368	252	1957410	19.901	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	27.950	276	2039473	16.908	ng/ul	98	
95) Dibenzo(a,h)anthracene	28.026	278	1676701	17.071	ng/ul	99	
96) Benzo(g,h,i)perylene	29.026	276	1499174	16.270	ng/ul	98	

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

