

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
 Data File : BM048562.D
 Acq On : 09 Nov 2024 12:38
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020199

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 22:18:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Nov 07 22:50:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	169526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	680248	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	408914	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.056	188	828067	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	816554	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	974234	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	33226	7.813	ng/uL	0.00
4) Pyridine-d5	3.546	84	233409	19.916	ng/u1	0.00
7) Phenol-d5	6.845	99	261883	20.293	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	153557	19.811	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	226055	21.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	204821	20.185	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	106170	21.534	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	116523	22.219	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.080	165	211463	21.706	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	289109	20.893	ng/u1	0.00
46) Dimethylphthalate-d6	13.727	166	551500	21.128	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	663022	21.544	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	99386	20.499	ng/u1	0.00
60) Fluorene-d10	15.304	176	478319	20.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	74728	17.939	ng/u1	0.00
73) Anthracene-d10	17.156	188	744613	21.249	ng/u1	0.00
81) Pyrene-d10	19.450	212	877750	21.419	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.991	264	967328	21.251	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	35897	7.692	ng/uL	94
5) Pyridine	3.563	79	240048	19.954	ng/u1	98
6) Benzaldehyde	6.810	77	161395	25.308	ng/u1	94
8) Phenol	6.869	94	272119	20.098	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.092	93	214962	20.202	ng/u1	99
12) 2-Chlorophenol	7.228	128	231094	20.867	ng/u1	99
13) 2-Methylphenol	8.116	108	206031	20.556	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	306216	19.569	ng/u1	97
16) Acetophenone	8.486	105	327641	20.714	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	153522	20.653	ng/u1	98
18) 4-Methylphenol	8.445	108	222910	20.311	ng/u1	97
19) Hexachloroethane	8.733	117	95745	20.458	ng/u1	99
22) Nitrobenzene	8.863	77	233009	20.843	ng/u1	94
23) Isophorone	9.386	82	430336	20.811	ng/u1	98
25) 2-Nitrophenol	9.569	139	126422	22.121	ng/u1	98
26) 2,4-Dimethylphenol	9.639	107	223411	20.928	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	272511	21.113	ng/u1	98
29) 2,4-Dichlorophenol	10.104	162	210329	21.284	ng/u1	98
30) Naphthalene	10.498	128	708071	20.565	ng/u1	99
32) 4-Chloroaniline	10.616	127	275835	21.141	ng/u1	96
33) Hexachlorobutadiene	10.780	225	139623	20.879	ng/u1	98
34) Caprolactam	11.392	113	64432m	20.687	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	204273	21.362	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	459536	20.859	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	472785	20.912	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	247504	21.122	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	111577	18.629	ng/ul	100
41) 2,4,6-Trichlorophenol	12.739	196	160646	21.704	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	176292	22.366	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	585057	20.925	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	466657	21.151	ng/ul	99
45) 2-Nitroaniline	13.392	65	119871	21.635	ng/ul	96
47) Dimethylphthalate	13.774	163	547387	20.876	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	109738	21.954	ng/ul	97
50) Acenaphthylene	14.027	152	715961	21.105	ng/ul	99
51) 3-Nitroaniline	14.227	138	121217	22.331	ng/ul	94
52) Acenaphthene	14.374	153	496033	20.770	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	40279	14.987	ng/ul	93
55) 4-Nitrophenol	14.551	109	68385	19.510	ng/ul	95
56) Dibenzofuran	14.710	168	690501	20.959	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	163553	22.510	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	143679	21.913	ng/ul	98
59) Diethylphthalate	15.139	149	548540	21.233	ng/ul	100
61) Fluorene	15.362	166	546412	20.948	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	269828	20.997	ng/ul	99
63) 4-Nitroaniline	15.392	138	125334m	23.448	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	79774	17.598	ng/ul	99
67) N-Nitrosodiphenylamine	15.574	169	459659	21.061	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	163684	20.960	ng/ul	98
69) Hexachlorobenzene	16.362	284	197861	20.993	ng/ul	99
70) Atrazine	16.527	200	168038	21.155	ng/ul	98
71) Pentachlorophenol	16.715	266	127182	21.231	ng/ul	97
72) Phenanthrene	17.098	178	855133	20.822	ng/ul	99
74) Anthracene	17.192	178	864939	20.985	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	240824	20.387	ng/uL	98
76) Pentachlorobenzene	14.633	250	236281	20.530	ng/uL	98
77) Carbazole	17.462	167	799537	21.537	ng/ul	99
78) Di-n-butylphthalate	18.027	149	951545	21.801	ng/ul	99
80) Fluoranthene	19.115	202	1000300	21.038	ng/ul	99
82) Pyrene	19.480	202	1081320	20.973	ng/ul	99
83) Butylbenzylphthalate	20.380	149	452414	22.844	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.191	252	352968	23.791	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1103678	21.441	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	668536	23.140	ng/ul	100
87) Chrysene	21.321	228	1056264	21.354	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1193544	21.732	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1152549	21.491	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1115596	20.863	ng/ul	99
93) Benzo(a)pyrene	24.050	252	1071469	21.250	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.462	276	1376012	20.999	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	1124304	21.006	ng/ul	98
96) Benzo(g,h,i)perylene	28.473	276	1060912	20.649	ng/ul	100

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