

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047940.D
 Acq On : 09 Oct 2024 09:33
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020171

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 10:56:48 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 04 08:32:31 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	310247	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1241628	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	779439	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1535618	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1378746	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1590906	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	61772	6.434	ng/uL	0.00
4) Pyridine-d5	3.663	84	442555	15.744	ng/u1	0.00
7) Phenol-d5	6.963	99	510161	17.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	307896	14.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	434673	20.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	402171	18.438	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	205542	20.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	222709	23.508	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	409832	21.656	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	562310	19.219	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1079525	19.103	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	1311369	19.572	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	210647	18.722	ng/u1	0.00
60) Fluorene-d10	15.421	176	947955	19.367	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	152449	16.965	ng/u1	0.00
73) Anthracene-d10	17.268	188	1456411	19.288	ng/u1	0.00
81) Pyrene-d10	19.556	212	1620572	20.710	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1592995	19.299	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	68150	6.499	ng/uL	85
5) Pyridine	3.681	79	460897	15.574	ng/u1	90
6) Benzaldehyde	6.934	77	290791	18.226	ng/u1	91
8) Phenol	6.992	94	517994	16.594	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.216	93	418423	16.822	ng/u1	89
12) 2-Chlorophenol	7.363	128	432744	19.138	ng/u1	92
13) 2-Methylphenol	8.239	108	396020	18.194	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	602046	12.858	ng/u1#	94
16) Acetophenone	8.616	105	629788	16.874	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.598	70	314058	15.887	ng/u1#	86
18) 4-Methylphenol	8.569	108	421188	17.219	ng/u1	100
19) Hexachloroethane	8.875	117	179506	17.661	ng/u1#	83
22) Nitrobenzene	8.992	77	465534	16.577	ng/u1#	88
23) Isophorone	9.522	82	893802	17.792	ng/u1#	94
25) 2-Nitrophenol	9.704	139	239397	22.089	ng/u1#	84
26) 2,4-Dimethylphenol	9.769	107	432326	18.616	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.998	93	546072	17.772	ng/u1	98
29) 2,4-Dichlorophenol	10.239	162	403070	20.626	ng/u1	96
30) Naphthalene	10.639	128	1356943	19.000	ng/u1	99
32) 4-Chloroaniline	10.745	127	531201	18.439	ng/u1	100
33) Hexachlorobutadiene	10.927	225	259160	20.072	ng/u1	97
34) Caprolactam	11.516	113	126276m	20.205	ng/u1	
35) 4-Chloro-3-methylphenol	11.874	107	401229	19.835	ng/u1	94
36) 2-Methylnaphthalene	12.251	142	887251	19.552	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	920903	19.946	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.621	216	471087	18.567	ng/ul#	96
40) Hexachlorocyclopentadiene	12.604	237	237667	15.487	ng/ul	98
41) 2,4,6-Trichlorophenol	12.863	196	309811	21.104	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	335829	20.919	ng/ul	97
43) 1,1'-Biphenyl	13.263	154	1153261	18.480	ng/ul#	97
44) 2-Chloronaphthalene	13.304	162	912291	18.902	ng/ul	97
45) 2-Nitroaniline	13.504	65	252898	16.506	ng/ul#	77
47) Dimethylphthalate	13.886	163	1089417	19.036	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	217970	21.687	ng/ul#	81
50) Acenaphthylene	14.151	152	1508652	19.966	ng/ul	99
51) 3-Nitroaniline	14.333	138	246801	20.289	ng/ul	87
52) Acenaphthene	14.492	153	975846	18.270	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	112855	18.171	ng/ul#	77
55) 4-Nitrophenol	14.645	109	152756	16.171	ng/ul	86
56) Dibenzofuran	14.827	168	1347083	18.736	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	317009	21.000	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.057	232	278847	22.036	ng/ul#	96
59) Diethylphthalate	15.251	149	1098305	19.181	ng/ul	98
61) Fluorene	15.480	166	1092274	18.209	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.468	204	540344	19.064	ng/ul	96
63) 4-Nitroaniline	15.492	138	262613	22.229	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.557	198	162159	16.285	ng/ul#	83
67) N-Nitrosodiphenylamine	15.686	169	899562	18.799	ng/ul	98
68) 4-Bromophenyl-phenylether	16.362	248	326367	20.618	ng/ul	97
69) Hexachlorobenzene	16.480	284	380320	20.646	ng/ul	93
70) Atrazine	16.633	200	279047	17.518	ng/ul	98
71) Pentachlorophenol	16.821	266	243082	20.753	ng/ul	99
72) Phenanthrene	17.209	178	1689199	18.758	ng/ul	99
74) Anthracene	17.304	178	1751369	19.068	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.227	216	460786	18.123	ng/uL	100
76) Pentachlorobenzene	14.751	250	457034	18.416	ng/uL	97
77) Carbazole	17.568	167	1543675	18.542	ng/ul	99
78) Di-n-butylphthalate	18.133	149	1901746	20.518	ng/ul	99
80) Fluoranthene	19.221	202	1918898	20.821	ng/ul	98
82) Pyrene	19.586	202	2019806	19.691	ng/ul	95
83) Butylbenzylphthalate	20.480	149	861637	23.761	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.297	252	579363	19.887	ng/ul	99
85) Benzo(a)anthracene	21.380	228	1944087	20.139	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	1269697	23.321	ng/ul	98
87) Chrysene	21.439	228	1805066	19.180	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2246098	21.889	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	1943158	19.586	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	1888166	18.612	ng/ul	99
93) Benzo(a)pyrene	24.256	252	1823284	19.350	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.779	276	2263316	18.744	ng/ul	98
95) Dibenzo(a,h)anthracene	27.832	278	1898905	19.189	ng/ul	98
96) Benzo(g,h,i)perylene	28.832	276	1824822	19.288	ng/ul	96

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

