

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048345.D
 Acq On : 31 Oct 2024 06:07
 Operator : RC/JU
 Sample : PB164482BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SLCS482

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :mohammad ahmed 11/01/2024

11/01/2024

Supervised By :mohammad
ahmed

Quant Time: Nov 01 03:47:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:39:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	290273	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	1276397	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.357	164	798893	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1511168	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	1066182	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	1071293	20.000	ng/u1	-0.02

11/01/2024

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.163	96	39961	5.420	ng/uL	0.00
4) Pyridine-d5	3.581	84	589565	27.587	ng/u1	0.00
7) Phenol-d5	6.893	99	766453	30.735	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	446052	28.875	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.245	132	633812	31.253	ng/u1	-0.01
15) 4-Methylphenol-d8	8.428	113	612201	30.577	ng/u1	-0.01
21) Nitrobenzene-d5	8.869	128	307634	29.397	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.586	143	341286	30.105	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.128	165	621664	30.050	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.639	131	746070	25.972	ng/u1	-0.01
46) Dimethylphthalate-d6	13.769	166	1686252	28.244	ng/u1	-0.01
49) Acenaphthylene-d8	14.045	160	1930180	28.674	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.574	143	293947	26.923	ng/u1	0.00
60) Fluorene-d10	15.351	176	1393981	27.632	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	271889	27.225	ng/u1	0.00
73) Anthracene-d10	17.198	188	2036733	28.503	ng/u1	-0.01
81) Pyrene-d10	19.492	212	2085052	32.227	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1687865	29.871	ng/u1	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.199	88	84662	10.862	ng/uL	99
5) Pyridine	3.599	79	618056	28.219	ng/u1	99
6) Benzaldehyde	6.857	77	83615	6.775	ng/u1	98
8) Phenol	6.916	94	797121	30.693	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.140	93	599018	28.870	ng/u1	98
12) 2-Chlorophenol	7.281	128	644918	30.974	ng/u1	98
13) 2-Methylphenol	8.163	108	597103	30.562	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	928413	29.277	ng/u1	99
16) Acetophenone	8.534	105	922507	29.255	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	469707	29.042	ng/u1	99
18) 4-Methylphenol	8.492	108	663898	30.788	ng/u1	96
19) Hexachloroethane	8.781	117	257364	29.322	ng/u1	96
22) Nitrobenzene	8.910	77	689605	28.359	ng/u1	100
23) Isophorone	9.439	82	1327408	28.169	ng/u1	98
25) 2-Nitrophenol	9.622	139	365132	29.384	ng/u1	99
26) 2,4-Dimethylphenol	9.686	107	627063	27.488	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	831088	28.436	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	627178	29.629	ng/u1	100
30) Naphthalene	10.551	128	2000816	28.066	ng/u1	99
32) 4-Chloroaniline	10.663	127	419124	15.059	ng/u1	98
33) Hexachlorobutadiene	10.833	225	393360	27.887	ng/u1	99
34) Caprolactam	11.457	113	184280m	27.296	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	613452	28.802	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	1354788	28.193	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048345.D
 Acq On : 31 Oct 2024 06:07
 Operator : RC/JU
 Sample : PB164482BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SLCS482

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :mohammad ahmed 11/01/2024

11/01/2024

Supervised By :mohammad
ahmed

Quant Time: Nov 01 03:47:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Oct 27 23:39:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	1324871	27.179	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.539	216	712705	28.178	ng/ul	100
40) Hexachlorocyclopentadiene	12.516	237	378103	24.973	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	480537	29.435	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	515822	29.914	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1738415	28.372	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	1355435	28.547	ng/ul	99
45) 2-Nitroaniline	13.439	65	386111	29.383	ng/ul	96
47) Dimethylphthalate	13.816	163	1665051	27.808	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	338569	29.081	ng/ul	95
50) Acenaphthylene	14.074	152	2084050	28.343	ng/ul	100
51) 3-Nitroaniline	14.269	138	327304	26.708	ng/ul	99
52) Acenaphthene	14.421	153	1443375	27.663	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	188507	23.806	ng/ul	94
55) 4-Nitrophenol	14.592	109	205574	25.793	ng/ul	97
56) Dibenzofuran	14.757	168	1977082	27.542	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	488499	28.700	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.986	232	412500	27.902	ng/ul	97
59) Diethylphthalate	15.180	149	1665815	27.653	ng/ul	99
61) Fluorene	15.404	166	1537261	26.894	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	781184	27.224	ng/ul	99
63) 4-Nitroaniline	15.433	138	353253	31.834	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	290327	27.118	ng/ul	93
67) N-Nitrosodiphenylamine	15.615	169	1308774	29.007	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	477788	28.979	ng/ul	97
69) Hexachlorobenzene	16.410	284	551562	27.960	ng/ul	97
70) Atrazine	16.568	200	468376	30.320	ng/ul	99
71) Pentachlorophenol	16.757	266	349054	27.965	ng/ul	99
72) Phenanthrene	17.139	178	2310564	27.613	ng/ul	100
74) Anthracene	17.233	178	2330805	27.829	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	704029	29.439	ng/ul	98
76) Pentachlorobenzene	14.674	250	669588	27.512	ng/ul	98
77) Carbazole	17.504	167	2088845	28.404	ng/ul	99
78) Di-n-butylphthalate	18.068	149	2771830	28.682	ng/ul	100
80) Fluoranthene	19.156	202	2460640	32.686	ng/ul	99
82) Pyrene	19.515	202	2569359	31.832	ng/ul	99
83) Butylbenzylphthalate	20.415	149	1069637	32.067	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	644304	27.696	ng/ul	100
85) Benzo(a)anthracene	21.303	228	2169417	28.215	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1510755	31.431	ng/ul	98
87) Chrysene	21.368	228	2050714	28.363	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2392847	29.856	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1959726	28.666	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	2009609	29.359	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1827284	29.380	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.574	276	2313569	30.888	ng/ul	98
95) Dibenzo(a,h)anthracene	27.626	278	1899847	31.014	ng/ul	100
96) Benzo(g,h,i)perylene	28.609	276	1795213	31.232	ng/ul	98

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

