

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047865.D
 Acq On : 05 Oct 2024 06:51
 Operator : RC/JU
 Sample : PB163918BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SLCS918

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2024

Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:30:51 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	7.799	152	216805	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	884765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	539077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1078315	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1066879	20.000	ng/u1	0.00
88) Perylene-d12	24.392	264	1152982	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	30147	4.494	ng/uL	0.00
4) Pyridine-d5	3.663	84	436113	22.201	ng/u1	0.00
7) Phenol-d5	6.963	99	502479	24.510	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	317751	21.842	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	415792	27.876	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	386112	25.331	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	194162	27.562	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	196007	29.035	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	389613	28.891	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	532067	25.520	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1119164	28.635	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	1297458	27.999	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	221566	28.473	ng/u1	0.00
60) Fluorene-d10	15.422	176	963161	28.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	175092	27.748	ng/u1	0.00
73) Anthracene-d10	17.268	188	1469986	27.724	ng/u1	0.00
81) Pyrene-d10	19.557	212	1707368	28.197	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	1695196	28.337	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.281	88	72225	9.856	ng/uL	92
5) Pyridine	3.681	79	449201	21.721	ng/u1	94
6) Benzaldehyde	6.934	77	200271	17.963	ng/u1	98
8) Phenol	6.993	94	584996	26.818	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.222	93	457727	26.334	ng/u1	92
12) 2-Chlorophenol	7.363	128	472306	29.890	ng/u1	93
13) 2-Methylphenol	8.240	108	421520	27.712	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	704487	21.530	ng/u1	96
16) Acetophenone	8.616	105	700504	26.859	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.604	70	356467	25.805	ng/u1	91
18) 4-Methylphenol	8.569	108	472795	27.660	ng/u1	96
19) Hexachloroethane	8.881	117	202714	28.541	ng/u1	92
22) Nitrobenzene	8.993	77	517912	25.881	ng/u1	93
23) Isophorone	9.522	82	977907	27.318	ng/u1	96
25) 2-Nitrophenol	9.704	139	246732	31.948	ng/u1	88
26) 2,4-Dimethylphenol	9.769	107	375289	22.678	ng/u1	92
27) Bis(2-Chloroethoxy)met...	9.998	93	604031	27.588	ng/u1	98
29) 2,4-Dichlorophenol	10.240	162	434686	31.216	ng/u1	98
30) Naphthalene	10.640	128	1466036	28.807	ng/u1	99
32) 4-Chloroaniline	10.745	127	493021	24.016	ng/u1	100
33) Hexachlorobutadiene	10.934	225	266805	28.999	ng/u1	98
34) Caprolactam	11.522	113	114862m	25.792	ng/u1	
35) 4-Chloro-3-methylphenol	11.875	107	447704	31.059	ng/u1	96
36) 2-Methylnaphthalene	12.251	142	976713	30.205	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047865.D
 Acq On : 05 Oct 2024 06:51
 Operator : RC/JU
 Sample : PB163918BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS918

Quant Time: Oct 05 23:30:51 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	1010011	30.700	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	517342	29.481	ng/ul	95
40) Hexachlorocyclopentadiene	12.610	237	236846	22.315	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	281137	27.689	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	324692	29.244	ng/ul	96
43) 1,1'-Biphenyl	13.263	154	1291387	29.920	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	994211	29.784	ng/ul	97
45) 2-Nitroaniline	13.510	65	296709m	28.000	ng/ul	
47) Dimethylphthalate	13.892	163	1237550	31.266	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	235784	33.919	ng/ul	90
50) Acenaphthylene	14.151	152	1636804	31.321	ng/ul	99
51) 3-Nitroaniline	14.333	138	273306	32.485	ng/ul	90
52) Acenaphthene	14.498	153	1070522	28.979	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	123582	28.771	ng/ul#	83
55) 4-Nitrophenol	14.645	109	189932	29.071	ng/ul	87
56) Dibenzofuran	14.827	168	1521938	30.606	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	359878	34.470	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.057	232	226630	25.895	ng/ul#	98
59) Diethylphthalate	15.251	149	1254242	31.670	ng/ul	99
61) Fluorene	15.480	166	1274115	30.711	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	606012	30.913	ng/ul	96
63) 4-Nitroaniline	15.492	138	302795	37.058	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.557	198	214735	30.711	ng/ul#	86
67) N-Nitrosodiphenylamine	15.686	169	1041007	30.981	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	351681	31.640	ng/ul	99
69) Hexachlorobenzene	16.480	284	417426	32.271	ng/ul	96
70) Atrazine	16.633	200	1326	0.119	ng/ul#	86
71) Pentachlorophenol	16.821	266	167570	20.373	ng/ul	98
72) Phenanthrene	17.216	178	1948855	30.819	ng/ul	100
74) Anthracene	17.304	178	1945324	30.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	535542	29.996	ng/ul	99
76) Pentachlorobenzene	14.751	250	452003	25.937	ng/ul	98
77) Carbazole	17.568	167	1812186	30.998	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2191984	33.679	ng/ul	99
80) Fluoranthene	19.221	202	2238307	31.387	ng/ul	99
82) Pyrene	19.586	202	2448559	30.849	ng/ul	96
83) Butylbenzylphthalate	20.480	149	960103	34.215	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.298	252	736096	32.652	ng/ul	99
85) Benzo(a)anthracene	21.374	228	2371301	31.744	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1445446	34.309	ng/ul	99
87) Chrysene	21.439	228	2252864	30.936	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2457395	33.043	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	2300084	31.989	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	2332015	31.719	ng/ul	99
93) Benzo(a)pyrene	24.250	252	1974658	28.917	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.774	276	2705610	30.917	ng/ul	99
95) Dibenzo(a,h)anthracene	27.827	278	2226540	31.046	ng/ul	98
96) Benzo(g,h,i)perylene	28.827	276	2107101	30.731	ng/ul	98

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

