

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046014.D
 Acq On : 13 Jun 2024 02:32
 Operator : MA/JU
 Sample : PB161309BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS309

Quant Time: Jun 13 05:21:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

06/13/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.428	152	176673	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.192	136	762975	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.074	164	479301	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	970384	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	655834	20.000	ng/u1	0.00
88) Perylene-d12	23.738	264	705370	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	26939	5.912	ng/uL	0.00
4) Pyridine-d5	3.434	84	400294	34.116	ng/u1	-0.02
7) Phenol-d5	6.687	99	562574	37.483	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	379925	35.252	ng/u1	0.00
11) 2-Chlorophenol-d4	6.992	132	433429	38.661	ng/u1	0.00
15) 4-Methylphenol-d8	8.198	113	436697	38.512	ng/u1	-0.01
21) Nitrobenzene-d5	8.592	128	223026	37.386	ng/u1	0.00
24) 2-Nitrophenol-d4	9.304	143	244709	40.531	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.851	165	441633	39.008	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.375	131	583399	37.232	ng/u1	-0.01
46) Dimethylphthalate-d6	13.521	166	1241846	37.425	ng/u1	-0.01
49) Acenaphthylene-d8	13.768	160	1422584	36.920	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	305096	42.604	ng/u1	0.00
60) Fluorene-d10	15.074	176	1038573	36.689	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	195261	39.405	ng/u1	0.00
73) Anthracene-d10	16.927	188	1542967	36.576	ng/u1	0.00
81) Pyrene-d10	19.227	212	1585241	38.868	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1261716	38.272	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	60037	11.904	ng/uL#	84
5) Pyridine	3.451	79	433537	35.979	ng/u1	95
6) Benzaldehyde	6.604	77	348305	49.339	ng/u1	95
8) Phenol	6.716	94	595841	38.280	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.887	93	443460	34.132	ng/u1	95
12) 2-Chlorophenol	7.028	128	446580	37.811	ng/u1	98
13) 2-Methylphenol	7.928	108	431840	37.888	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	7.969	45	967149	37.795	ng/u1	99
16) Acetophenone	8.263	105	730916	38.677	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.257	70	413978	39.642	ng/u1	91
18) 4-Methylphenol	8.263	108	480418	40.734	ng/u1	99
19) Hexachloroethane	8.492	117	197720	34.854	ng/u1	99
22) Nitrobenzene	8.633	77	625818	37.485	ng/u1	99
23) Isophorone	9.163	82	1124995	38.136	ng/u1	99
25) 2-Nitrophenol	9.333	139	260398	39.456	ng/u1	95
26) 2,4-Dimethylphenol	9.439	107	412970	30.844	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.639	93	613487	34.254	ng/u1	99
29) 2,4-Dichlorophenol	9.880	162	442092	39.193	ng/u1	97
30) Naphthalene	10.245	128	1420447	34.913	ng/u1	99
32) 4-Chloroaniline	10.398	127	521433	34.044	ng/u1	98
33) Hexachlorobutadiene	10.533	225	268480	34.745	ng/u1	97
34) Caprolactam	11.222	113	150039m	47.227	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	501597	40.988	ng/u1	99
36) 2-Methylnaphthalene	11.863	142	967614	35.910	ng/u1	99

06/15/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046014.D
 Acq On : 13 Jun 2024 02:32
 Operator : MA/JU
 Sample : PB161309BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS309

Quant Time: Jun 13 05:21:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

06/13/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.086	142	979964	36.376	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.239	216	515475	35.910	ng/ul	97
40) Hexachlorocyclopentadiene	12.227	237	169374	19.442	ng/ul	98
41) 2,4,6-Trichlorophenol	12.510	196	340990	40.829	ng/ul	97
42) 2,4,5-Trichlorophenol	12.604	196	374634	41.337	ng/ul	98
43) 1,1'-Biphenyl	12.904	154	1267355	35.639	ng/ul	99
44) 2-Chloronaphthalene	12.939	162	970586	34.830	ng/ul	98
45) 2-Nitroaniline	13.186	65	439857	46.224	ng/ul	96
47) Dimethylphthalate	13.574	163	1237320	36.724	ng/ul	99
48) 2,6-Dinitrotoluene	13.680	165	263646	40.675	ng/ul	91
50) Acenaphthylene	13.798	152	1622310	36.378	ng/ul	100
51) 3-Nitroaniline	14.027	138	285639	47.992	ng/ul	99
52) Acenaphthene	14.139	153	1059893	35.616	ng/ul	100
53) 2,4-Dinitrophenol	14.221	184	133799	45.336	ng/ul	90
55) 4-Nitrophenol	14.392	109	286287	48.456	ng/ul	95
56) Dibenzofuran	14.480	168	1505768	37.521	ng/ul	100
57) 2,4-Dinitrotoluene	14.480	165	392805	43.803	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.727	232	305891	44.670	ng/ul	94
59) Diethylphthalate	14.939	149	1284821	38.083	ng/ul	99
61) Fluorene	15.133	166	1253926	38.779	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.139	204	594452	37.038	ng/ul	99
63) 4-Nitroaniline	15.210	138	286692	58.009	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.239	198	209250	38.475	ng/ul#	89
67) N-Nitrosodiphenylamine	15.357	169	1027032	37.348	ng/ul	99
68) 4-Bromophenyl-phenylether	16.027	248	360508	35.633	ng/ul	98
69) Hexachlorobenzene	16.133	284	396324	35.422	ng/ul	99
70) Atrazine	16.333	200	293012	35.151	ng/ul	99
71) Pentachlorophenol	16.498	266	246461	43.413	ng/ul	98
72) Phenanthrene	16.868	178	1869244	36.558	ng/ul	99
74) Anthracene	16.962	178	1835650	35.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.863	216	498591	33.130	ng/ul	98
76) Pentachlorobenzene	14.398	250	495934	35.232	ng/ul	99
77) Carbazole	17.251	167	1719007	39.447	ng/ul	99
78) Di-n-butylphthalate	17.815	149	2216449	38.676	ng/ul	99
80) Fluoranthene	18.892	202	1986414	40.175	ng/ul	99
82) Pyrene	19.256	202	2036876	40.096	ng/ul	98
83) Butylbenzylphthalate	20.180	149	926362	44.744	ng/ul	93
84) 3,3'-Dichlorobenzidine	20.974	252	494082	38.140	ng/ul	98
85) Benzo(a)anthracene	21.021	228	1647925	36.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	1327484	43.156	ng/ul	100
87) Chrysene	21.080	228	1551844	37.044	ng/ul	99
89) Di-n-octyl phthalate	21.991	149	2050103	38.003	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1565158	36.107	ng/ul	100
91) Benzo(k)fluoranthene	22.956	252	1516773	35.824	ng/ul	99
93) Benzo(a)pyrene	23.621	252	1301979	34.180	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.726	276	1814443	43.618	ng/ul	98
95) Dibenzo(a,h)anthracene	26.773	278	1451813	44.127	ng/ul	99
96) Benzo(g,h,i)perylene	27.656	276	1411854	38.535	ng/ul	99

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

