

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046983.D
 Acq On : 04 Aug 2024 04:10
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020126

Quant Time: Aug 05 01:47:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	205327	20.000	ng/u1	0.00
20) Naphthalene-d8	10.157	136	798628	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	516060	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.815	188	1105236	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	997082	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1191650	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	40222	7.761	ng/uL	0.00
4) Pyridine-d5	3.404	84	283530	20.056	ng/u1	0.00
7) Phenol-d5	6.598	99	334587	21.451	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	215816	21.029	ng/u1	0.00
11) 2-Chlorophenol-d4	6.939	132	273296	20.685	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	264538	21.409	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	132880	20.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	148997	21.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	279428	20.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	364581	20.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	807131	20.455	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	920137	20.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	155024	20.319	ng/u1	0.00
60) Fluorene-d10	15.057	176	682706	20.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	137585	19.703	ng/u1	0.00
73) Anthracene-d10	16.915	188	1061115	20.252	ng/u1	0.00
81) Pyrene-d10	19.227	212	1217430	21.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	1293182	20.609	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.051	88	42475	7.365	ng/uL	95
5) Pyridine	3.422	79	291545	20.831	ng/u1	96
6) Benzaldehyde	6.557	77	208241	23.244	ng/u1	98
8) Phenol	6.628	94	340620	21.685	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.845	93	283610	21.183	ng/u1	95
12) 2-Chlorophenol	6.969	128	281442	21.026	ng/u1	96
13) 2-Methylphenol	7.851	108	253422	21.179	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.922	45	360764	22.486	ng/u1	99
16) Acetophenone	8.216	105	409792	21.071	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.204	70	217325	21.191	ng/u1	97
18) 4-Methylphenol	8.181	108	279113	21.589	ng/u1	99
19) Hexachloroethane	8.451	117	129051	19.792	ng/u1	96
22) Nitrobenzene	8.581	77	344865	20.142	ng/u1	95
23) Isophorone	9.110	82	606455	20.701	ng/u1	99
25) 2-Nitrophenol	9.286	139	161207	21.057	ng/u1	96
26) 2,4-Dimethylphenol	9.363	107	304153	20.155	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.598	93	374309	20.726	ng/u1	99
29) 2,4-Dichlorophenol	9.816	162	276054	20.599	ng/u1	99
30) Naphthalene	10.204	128	866206	20.485	ng/u1	100
32) 4-Chloroaniline	10.327	127	355249	20.716	ng/u1	100
33) Hexachlorobutadiene	10.492	225	181823	18.806	ng/u1	97
34) Caprolactam	11.104	113	85363m	21.034	ng/u1	
35) 4-Chloro-3-methylphenol	11.469	107	286101	20.704	ng/u1	99
36) 2-Methylnaphthalene	11.827	142	610101	20.664	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046983.D
 Acq On : 04 Aug 2024 04:10
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020126

Quant Time: Aug 05 01:47:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.057	142	609805	20.403	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.210	216	329861	20.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.192	237	187574	17.594	ng/ul	95
41) 2,4,6-Trichlorophenol	12.468	196	220099	20.777	ng/ul	98
42) 2,4,5-Trichlorophenol	12.539	196	241097	21.079	ng/ul	98
43) 1,1'-Biphenyl	12.874	154	796630	20.634	ng/ul	98
44) 2-Chloronaphthalene	12.910	162	636359	20.756	ng/ul	99
45) 2-Nitroaniline	13.133	65	198150	21.268	ng/ul	99
47) Dimethylphthalate	13.527	163	803624	20.296	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	164203	21.333	ng/ul	90
50) Acenaphthylene	13.768	152	974000	20.939	ng/ul	99
51) 3-Nitroaniline	13.974	138	166635	21.258	ng/ul	99
52) Acenaphthene	14.115	153	686830	20.481	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	97473	17.948	ng/ul	96
55) 4-Nitrophenol	14.310	109	140864	18.243	ng/ul	93
56) Dibenzofuran	14.457	168	963673	20.475	ng/ul	97
57) 2,4-Dinitrotoluene	14.439	165	249800	21.237	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.698	232	201697	19.837	ng/ul#	95
59) Diethylphthalate	14.915	149	840930	19.743	ng/ul	100
61) Fluorene	15.115	166	779120	20.070	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.121	204	366807	19.194	ng/ul	97
63) 4-Nitroaniline	15.145	138	170128	21.962	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.209	198	151668	19.850	ng/ul	98
67) N-Nitrosodiphenylamine	15.339	169	679457	20.741	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	242240	20.249	ng/ul	96
69) Hexachlorobenzene	16.121	284	279534	19.844	ng/ul	99
70) Atrazine	16.309	200	254552	19.804	ng/ul	99
71) Pentachlorophenol	16.474	266	186221	19.526	ng/ul	98
72) Phenanthrene	16.856	178	1265505	20.426	ng/ul	99
74) Anthracene	16.945	178	1274111	20.392	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	335882	21.122	ng/uL	95
76) Pentachlorobenzene	14.380	250	334230	20.305	ng/uL	100
77) Carbazole	17.227	167	1193072	20.597	ng/ul	100
78) Di-n-butylphthalate	17.815	149	1460536	19.829	ng/ul	99
80) Fluoranthene	18.892	202	1455225	21.333	ng/ul	99
82) Pyrene	19.256	202	1539598	21.182	ng/ul	99
83) Butylbenzylphthalate	20.197	149	677051	21.312	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.974	252	483848	19.795	ng/ul	99
85) Benzo(a)anthracene	21.033	228	1478208	20.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	967720	20.866	ng/ul	100
87) Chrysene	21.091	228	1393600	20.066	ng/ul	100
89) Di-n-octyl phthalate	22.033	149	1674509	19.919	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	1513920	20.538	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1530184	21.007	ng/ul	99
93) Benzo(a)pyrene	23.632	252	1418970	20.663	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.773	276	1765688	20.068	ng/ul	99
95) Dibenzo(a,h)anthracene	26.820	278	1405728	19.891	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	1374467	19.772	ng/ul	98

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

