

Data File : BM022293.D
Acq On : 24 Aug 2019 14:35
Operator : HP/JU
Sample : SSTDC0020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
SSTD02051

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:20 AM

Quant Time: Aug 25 03:06:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 01:20:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	33878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	149878	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	104576	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	237089	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	267656	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	226482	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4963	6.56	ng/uL	0.00
5) Phenol-d5	6.75	99	55116	18.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	32863	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	48151	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	48943	19.31	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	23550	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	27091	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	55536	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	67987	21.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	171259	18.60	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	210235	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	23913	17.53	ng/ul	0.00
57) Fluorene-d10	15.22	176	145529	19.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	27042	14.78	ng/ul	0.00
70) Anthracene-d10	17.07	188	248387	19.78	ng/ul	0.00
78) Pyrene-d10	19.38	212	307220	22.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	236123	18.98	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.17	88	5599	6.899 ng/uL#	90
4) Benzaldehyde	6.73	77	41213	24.488 ng/ul	97
6) Phenol	6.78	94	58301	18.622 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	42286	18.552 ng/ul	96
10) 2-Chlorophenol	7.12	128	49130	20.049 ng/ul	97
11) 2-Methylphenol	8.01	108	45031	18.264 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	58392m	19.658 ng/ul	
14) Acetophenone	8.39	105	78603	17.943 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	39306	17.725 ng/ul	97
16) 4-Methylphenol	8.34	108	49961	18.430 ng/ul	94
17) Hexachloroethane	8.60	117	22675	18.872 ng/ul	97
20) Nitrobenzene	8.77	77	63458	19.283 ng/ul	98
21) Isophorone	9.28	82	110405	18.407 ng/ul	99
23) 2-Nitrophenol	9.46	139	28784	20.148 ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	63359	18.911 ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.76	93	61426	18.969 ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	53932	20.103 ng/ul	98
28) Naphthalene	10.37	128	162407	19.635 ng/ul	99
30) 4-Chloroaniline	10.52	127	66243	19.763 ng/ul	97
31) Hexachlorobutadiene	10.63	225	48102	18.694 ng/ul	97
32) Caprolactam	11.34	113	19179m	23.035 ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	57310	19.350 ng/ul	98
34) 2-Methylnaphthalene	12.00	142	123023	19.304 ng/ul	94

Data File : BM022293.D
Acq On : 24 Aug 2019 14:35
Operator : HP/JU
Sample : SSTDC0020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Manual Integrations
APPROVED

mohammad
8/26/2019 8:30:20 AM

Quant Time: Aug 25 03:06:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 01:20:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	80835	18.691	ng/ul	97
37) Hexachlorocyclopentadiene	12.33	237	32056	15.975	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.63	196	47815	19.688	ng/ul	100
39) 2,4,5-Trichlorophenol	12.72	196	52263	19.674	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	162543	19.099	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	130603	19.689	ng/ul	99
42) 2-Nitroaniline	13.32	65	39314	19.394	ng/ul	97
44) Dimethylphthalate	13.69	163	170013	18.143	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	33894	18.835	ng/ul	91
47) Acenaphthylene	13.93	152	194849	18.943	ng/ul	98
48) 3-Nitroaniline	14.16	138	32173	21.002	ng/ul	87
49) Acenaphthene	14.27	153	140480	19.236	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	16611	15.437	ng/ul	89
52) 4-Nitrophenol	14.49	109	51916m	22.899	ng/ul	
53) Dibenzofuran	14.62	168	203094	18.672	ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	51720	18.594	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.85	232	49877	18.518	ng/ul	96
56) Diethylphthalate	15.06	149	179306	17.841	ng/ul	98
58) Fluorene	15.27	166	165838	18.102	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	97387	17.363	ng/ul	99
60) 4-Nitroaniline	15.34	138	33981	21.377	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.40	198	28037	14.284	ng/ul	99
64) N-Nitrosodiphenylamine	15.49	169	138799	18.787	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	62724	18.482	ng/ul	94
66) Hexachlorobenzene	16.27	284	71266	18.846	ng/ul	95
67) Atrazine	16.46	200	77475	20.135	ng/ul	99
68) Pentachlorophenol	16.63	266	36350	15.913	ng/ul	97
69) Phenanthrene	17.02	178	273427	19.277	ng/ul	99
71) Anthracene	17.11	178	278096	18.842	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	81905	19.422	ng/uL	98
73) Pentachlorobenzene	14.53	250	89288	19.518	ng/uL	100
74) Carbazole	17.40	167	239246	17.946	ng/ul	99
75) Di-n-butylphthalate	17.94	149	313025	18.381	ng/ul	98
76) Fluoranthene	19.04	202	358340	16.765	ng/ul	99
79) Pyrene	19.41	202	370514	21.387	ng/ul	100
80) Butylbenzylphthalate	20.32	149	159880	21.805	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.11	252	128468	18.450	ng/ul	99
82) Benzo(a)anthracene	21.17	228	381650	18.945	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	236085	21.398	ng/ul	98
84) Chrysene	21.22	228	342282	18.172	ng/ul	100
86) Di-n-octyl phthalate	21.96	149	395369	23.554	ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	299456	19.007	ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	304441	19.927	ng/ul	99
90) Benzo(a)pyrene	23.28	252	273457	18.210	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.57	276	300800	17.250	ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	251765	17.006	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	241788	18.175	ng/ul	98

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

Data File : BM022293.D

```
Acq On       : 24 Aug 2019 14:35
Operator    : HP/JU
Sample      : SSTDCCC020
Misc        :
ALS Vial     : 2      Sample Multipl
```

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Manual Integrations APPROVED

mohammad
8/26/2019 8:30:20 AM

Quant Time: Aug 25 03:06:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 01:20:09 2019
Response via : Initial Calibration

