

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024306.D
 Acq On : 07 Jan 2022 16:03
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 08 00:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	94586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	96863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30768	4.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	27065	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	50404	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.912	46	46233m	46.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	4.349	84	66275	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.031	65	33641	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.047	84	125695	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	34415	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.313	98	113511	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	13986	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.092	63	46026	45.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24250	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	46756	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2227	0.187	ug/L	99
3) Chloromethane	1.243	50	1781	0.224	ug/L	95
5) Vinyl chloride	1.310	62	2048	0.234	ug/L #	58
6) Bromomethane	1.523	94	1348	0.233	ug/L	74
8) Chloroethane	1.587	64	1520	0.276	ug/L	93
9) Trichlorofluoromethane	1.754	101	3815	0.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2448	0.280	ug/L #	84
12) 1,1-Dichloroethene	2.118	96	2103	0.281	ug/L #	1
13) Acetone	2.201	43	2102m	2.189	ug/L	
14) Carbon disulfide	2.298	76	3585	0.204	ug/L #	94
15) Methyl Acetate	2.452	43	523m	0.259	ug/L	
16) Methylene chloride	2.507	84	3514	0.307	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	3851	0.215	ug/L #	95
18) trans-1,2-Dichloroethene	2.764	96	1603	0.202	ug/L	98
19) 1,1-Dichloroethane	3.191	63	2972	0.211	ug/L #	94
21) 2-Butanone	4.018	43	2821m	2.166	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	1834	0.210	ug/L	77
23) Bromochloromethane	4.262	128	794	0.205	ug/L #	78
25) Chloroform	4.375	83	4745	0.281	ug/L	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024306.D
 Acq On : 07 Jan 2022 16:03
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 08 00:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	2036	0.218	ug/L #	73
29) 1,1,1-Trichloroethane	4.603	97	3546	0.214	ug/L	95
30) Cyclohexane	4.677	56	1947	0.186	ug/L	86
31) Carbon tetrachloride	4.828	117	3188	0.211	ug/L	88
33) Benzene	5.105	78	6340	0.199	ug/L	100
34) Trichloroethene	5.924	95	2034	0.228	ug/L	89
35) Methylcyclohexane	6.124	83	2669m	0.214	ug/L	
37) 1,2-Dichloropropane	6.172	63	1500	0.202	ug/L #	84
38) Bromodichloromethane	6.516	83	2408	0.206	ug/L #	83
39) cis-1,3-Dichloropropene	7.040	75	2375	0.210	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	6440	1.698	ug/L #	86
42) Toluene	7.394	91	8803	0.239	ug/L	94
44) trans-1,3-Dichloropropene	7.664	75	2111m	0.208	ug/L	
45) 1,1,2-Trichloroethane	7.854	97	1178	0.195	ug/L	90
47) Tetrachloroethene	7.979	164	1564	0.188	ug/L	90
48) 2-Hexanone	8.146	43	12661	4.526	ug/L	98
49) Dibromochloromethane	8.246	129	1735	0.209	ug/L	99
50) 1,2-Dibromoethane	8.358	107	1103	0.202	ug/L #	86
51) Chlorobenzene	8.883	112	5263	0.207	ug/L	93
52) Ethylbenzene	9.014	91	7221	0.179	ug/L	89
53) m,p-xylene	9.140	106	2943	0.182	ug/L	71
54) o-xylene	9.545	106	2900	0.184	ug/L	90
55) Styrene	9.571	104	4129	0.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	1455	0.238	ug/L #	87
59) Bromoform	9.741	173	838	0.192	ug/L #	70
60) Isopropylbenzene	9.934	105	7480	0.194	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1017	0.240	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	5874	0.177	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	5892	0.175	ug/L	93
64) 1,3-Dichlorobenzene	11.188	146	4128	0.201	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	4310	0.211	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	3990	0.215	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.426	75	124	0.134	ug/L #	47
69) 1,3,5-Trichlorobenzene	12.644	180	3614	0.213	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	2728	0.205	ug/L	98
71) Naphthalene	13.509	128	3494	0.188	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	2427	0.211	ug/L	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010722\
Data File : VV024306.D
Acq On : 07 Jan 2022 16:03
Operator : SY/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

Quant Time: Jan 08 00:14:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 08 00:06:47 2022
Response via : Initial Calibration

