

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045527.D
 Acq On : 03 Nov 2021 17:27
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 09 07:57:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:37:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162281	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	159480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	72354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	64976	4.812	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.915	69	39554	4.592	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.571	65	25320	4.802	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.000%	
20) 2-Butanone-d5	4.639	46	197877	53.350	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.700%	
24) Chloroform-d	5.070	84	108525	4.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.706	65	61778	5.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	5.732	84	232626	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.693	67	75462	4.863	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.902	98	201653	4.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.182	79	29314	4.673	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.635	63	166578	47.112	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.220%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	63558	4.695	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	71229	5.180	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2852	0.199	ug/L	94
3) Chloromethane	1.520	50	4636	0.272	ug/L	92
5) Vinyl chloride	1.607	62	3648	0.224	ug/L #	73
6) Bromomethane	1.861	94	1604	0.218	ug/L	95
8) Chloroethane	1.938	64	1318	0.179	ug/L	93
9) Trichlorofluoromethane	2.144	101	2510	0.187	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2836	0.269	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	2566	0.250	ug/L #	1
13) Acetone	2.655	43	5294	2.497	ug/L	99
14) Carbon disulfide	2.796	76	7594	0.209	ug/L #	92
15) Methyl Acetate	2.964	43	1109	0.203	ug/L #	68
16) Methylene chloride	3.050	84	3339	0.257	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	5848	0.201	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	2385	0.207	ug/L	92
19) 1,1-Dichloroethane	3.874	63	4148	0.198	ug/L	93
21) 2-Butanone	4.722	43	7695m	2.270	ug/L	
22) cis-1,2-Dichloroethene	4.677	96	2480	0.215	ug/L	91
23) Bromochloromethane	4.980	128	1106	0.217	ug/L	87
25) Chloroform	5.092	83	4423	0.220	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045527.D
 Acq On : 03 Nov 2021 17:27
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 09 07:57:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:37:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	2838	0.226	ug/L #	72
29) 1,1,1-Trichloroethane	5.317	97	3362	0.206	ug/L	94
30) Cyclohexane	5.394	56	4051	0.202	ug/L	98
31) Carbon tetrachloride	5.529	117	2488	0.187	ug/L	99
33) Benzene	5.780	78	10160	0.213	ug/L	100
34) Trichloroethene	6.546	95	2251	0.185	ug/L	91
35) Methylcyclohexane	6.767	83	4248	0.200	ug/L	95
37) 1,2-Dichloropropane	6.793	63	2491	0.196	ug/L #	87
38) Bromodichloromethane	7.115	83	2712	0.190	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	3514	0.192	ug/L	91
40) 4-Methyl-2-pentanone	7.796	43	15850	1.862	ug/L #	85
42) Toluene	7.973	91	13418	0.258	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	3047	0.191	ug/L #	73
45) 1,1,2-Trichloroethane	8.407	97	1616	0.176	ug/L	93
47) Tetrachloroethene	8.558	164	1520	0.174	ug/L	92
48) 2-Hexanone	8.687	43	19565	3.139	ug/L	98
49) Dibromochloromethane	8.816	129	1797	0.199	ug/L	95
50) 1,2-Dibromoethane	8.928	107	1754	0.214	ug/L #	94
51) Chlorobenzene	9.449	112	6199	0.202	ug/L	98
52) Ethylbenzene	9.574	91	10280	0.192	ug/L	96
53) m,p-Xylene	9.697	106	3904	0.188	ug/L	98
54) o-Xylene	10.102	106	3669	0.181	ug/L	94
55) Styrene	10.118	104	5841	0.174	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.787	83	2399	0.195	ug/L #	99
59) Bromoform	10.298	173	870	0.194	ug/L #	93
60) Isopropylbenzene	10.487	105	9412	0.201	ug/L	96
61) 1,2,3-Trichloropropane	10.825	75	1692	0.210	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	7492	0.188	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	7550	0.189	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	4733	0.220	ug/L	92
65) 1,4-Dichlorobenzene	11.838	146	4747	0.220	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	4539	0.219	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	3331	0.210	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	2919	0.207	ug/L	96
71) Naphthalene	14.089	128	5745	0.189	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	2781	0.208	ug/L	90

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

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

Quant Time: Nov 09 07:57:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 09 07:37:44 2021
Response via : Initial Calibration

