

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057373.D
 Acq On : 29 Dec 2023 15:57
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Dec 29 23:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

01/01/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63179	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	30938	2.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.911	69	29499	2.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.000%#
11) 1,1-Dichloroethene-d2	2.563	65	17457	3.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.637	46	95240	33.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.500%
24) Chloroform-d	5.055	84	99780	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	55184	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	159202	3.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.685	67	46455	3.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.894	98	137553	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	21353	4.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.631	63	68832	29.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39540	3.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	55845	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.383	85	2272	0.216	ug/L	97
3) Chloromethane	1.515	50	2248	0.193	ug/L	94
5) Vinyl chloride	1.599	62	2035	0.168	ug/L #	60
6) Bromomethane	1.856	94	1303	0.228	ug/L	88
8) Chloroethane	1.930	64	1135	0.145	ug/L	88
9) Trichlorofluoromethane	2.136	101	4677	0.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2800	0.266	ug/L	93
12) 1,1-Dichloroethene	2.580	96	2416	0.255	ug/L #	1
14) Carbon disulfide	2.792	76	5576	0.206	ug/L #	90
17) Methyl tert-butyl Ether	3.364	73	4779	0.200	ug/L #	87
18) trans-1,2-Dichloroethene	3.351	96	1938	0.206	ug/L	93
19) 1,1-Dichloroethane	3.866	63	3859	0.195	ug/L #	83
21) 2-Butanone	4.727	43	4510m	1.717	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	2402	0.221	ug/L	99
23) Bromochloromethane	4.978	128	1196	0.246	ug/L #	40
27) 1,2-Dichloroethane	5.795	62	3557	0.272	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	5015	0.277	ug/L	94
31) Carbon tetrachloride	5.522	117	4557	0.300	ug/L	87
33) Benzene	5.769	78	9487	0.230	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057373.D
 Acq On : 29 Dec 2023 15:57
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Dec 29 23:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

01/01/2024
 Supervised By :Mahesh
 Dadoda

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

37) 1,2-Dichloropropane	6.775	63	2386m	0.208	ug/L	
38) Bromodichloromethane	7.103	83	3329	0.225	ug/L	88
39) cis-1,3-Dichloropropene	7.608	75	3318	0.212	ug/L	88
40) 4-Methyl-2-pentanone	7.792	43	8232	1.408	ug/L #	88
42) Toluene	7.968	91	9687	0.218	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	2803	0.205	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	1868	0.224	ug/L	87
47) Tetrachloroethene	8.550	164	1872	0.241	ug/L #	74
48) 2-Hexanone	8.689	43	11613m	2.695	ug/L	
49) Dibromochloromethane	8.808	129	1958	0.206	ug/L	78
50) 1,2-Dibromoethane	8.923	107	1669	0.223	ug/L #	65
51) Chlorobenzene	9.441	112	5784	0.214	ug/L #	80
52) Ethylbenzene	9.570	91	9108	0.206	ug/L	92
53) m,p-Xylene	9.695	106	3284	0.195	ug/L	83
54) o-Xylene	10.097	106	3234	0.202	ug/L	95
55) Styrene	10.116	104	4576	0.169	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	2137	0.207	ug/L #	90
59) Bromoform	10.287	173	1371	0.277	ug/L #	93
60) Isopropylbenzene	10.480	105	8944	0.231	ug/L	96
61) 1,2,3-Trichloropropane	10.824	75	1118	0.169	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.084	105	6683	0.220	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	6641	0.220	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	4721	0.254	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	4656	0.246	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	4536	0.253	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	3700m	0.278	ug/L	
70) 1,2,4-trichlorobenzene	13.843	180	3356	0.317	ug/L	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057373.D
 Acq On : 29 Dec 2023 15:57
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Dec 29 23:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

01/01/2024
 Supervised By : Mahesh
 Dadoda

01/01/2024

