

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055656.D
 Acq On : 04 Oct 2023 10:56
 Operator : MD/SY
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Oct 05 01:02:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	187169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83468	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	67336	4.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.567	65	32710	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.624	46	119583	36.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.860%
24) Chloroform-d	5.062	84	139478	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.698	65	65809	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.724	84	282023	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.689	67	88061	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.898	98	243364	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.181	79	27960	4.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	65697	31.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58728	4.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	79393	4.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3946	0.229	ug/L	92
3) Chloromethane	1.518	50	4500	0.296	ug/L	97
5) Vinyl chloride	1.602	62	5214m	0.318	ug/L	
6) Bromomethane	1.856	94	3130	0.301	ug/L	96
8) Chloroethane	1.930	64	3319	0.310	ug/L	95
9) Trichlorofluoromethane	2.139	101	6379	0.281	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	4410	0.319	ug/L	93
12) 1,1-Dichloroethene	2.576	96	4131	0.333	ug/L #	1
14) Carbon disulfide	2.795	76	9991	0.268	ug/L	97
15) Methyl Acetate	2.949	43	1096m	0.260	ug/L	
16) Methylene chloride	3.043	84	8187	0.551	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	7055	0.262	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	3453	0.276	ug/L	86
19) 1,1-Dichloroethane	3.872	63	7098	0.307	ug/L	96
21) 2-Butanone	4.718	43	8087	2.987	ug/L	87
22) cis-1,2-Dichloroethene	4.673	96	4073	0.281	ug/L	89
23) Bromochloromethane	4.972	128	1518	0.248	ug/L	86
27) 1,2-Dichloroethane	5.798	62	3935	0.262	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	5710	0.268	ug/L #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055656.D
 Acq On : 04 Oct 2023 10:56
 Operator : MD/SY
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Oct 05 01:02:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.386	56	4629	0.237	ug/L	92
31) Carbon tetrachloride	5.531	117	5033m	0.275	ug/L	
33) Benzene	5.772	78	14540	0.270	ug/L	100
34) Trichloroethene	6.547	95	4464	0.293	ug/L	96
35) Methylcyclohexane	6.766	83	5603	0.255	ug/L	91
37) 1,2-Dichloropropane	6.795	63	4437	0.315	ug/L #	95
38) Bromodichloromethane	7.110	83	4887	0.296	ug/L #	97
39) cis-1,3-Dichloropropene	7.608	75	5487	0.292	ug/L	88
40) 4-Methyl-2-pentanone	7.795	43	16169	2.530	ug/L #	83
42) Toluene	7.972	91	14978	0.261	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	3840m	0.255	ug/L	
45) 1,1,2-Trichloroethane	8.402	97	2482	0.251	ug/L #	76
47) Tetrachloroethene	8.557	164	2970	0.272	ug/L	91
48) 2-Hexanone	8.685	43	29030	5.861	ug/L #	90
49) Dibromochloromethane	8.804	129	2904	0.280	ug/L	98
50) 1,2-Dibromoethane	8.923	107	2398	0.262	ug/L #	89
51) Chlorobenzene	9.444	112	10146	0.276	ug/L	96
52) Ethylbenzene	9.570	91	14693	0.239	ug/L	95
53) m,p-Xylene	9.698	106	5662	0.245	ug/L	100
54) o-Xylene	10.103	106	5553	0.247	ug/L	77
55) Styrene	10.119	104	8202	0.226	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	3087	0.277	ug/L #	90
59) Bromoform	10.290	173	1350	0.258	ug/L #	78
60) Isopropylbenzene	10.486	105	13060	0.232	ug/L	98
61) 1,2,3-Trichloropropane	10.824	75	2046	0.269	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.087	105	9662	0.215	ug/L	95
63) 1,2,4-Trimethylbenzene	11.470	105	9106	0.207	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	7224	0.269	ug/L	89
65) 1,4-Dichlorobenzene	11.836	146	8843	0.329	ug/L	96
67) 1,2-Dichlorobenzene	12.213	146	7195	0.292	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.000	75	300	0.227	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.225	180	4988	0.269	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	4714	0.334	ug/L	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
Data File : VU055656.D
Acq On : 04 Oct 2023 10:56
Operator : MD/SY
Sample : 04696-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-08

Quant Time: Oct 05 01:02:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 04 23:00:34 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

