

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055646.D
 Acq On : 03 Oct 2023 17:21
 Operator : MD/SY
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 04 06:28:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 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	171070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92608	5.356	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.911	69	72596	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.566	65	36041	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.628	46	132829	42.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.060%
24) Chloroform-d	5.062	84	150469	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.701	65	73002	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.724	84	302901	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.689	67	90205	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.897	98	262640	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.180	79	31198	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.634	63	76807	37.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61631	4.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	87534	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	4015	0.241	ug/L	99
3) Chloromethane	1.518	50	4954	0.338	ug/L	96
5) Vinyl chloride	1.602	62	5080	0.321	ug/L #	67
6) Bromomethane	1.856	94	2822	0.281	ug/L	98
8) Chloroethane	1.933	64	3471	0.337	ug/L	91
9) Trichlorofluoromethane	2.139	101	6191	0.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4569	0.343	ug/L #	79
12) 1,1-Dichloroethene	2.576	96	3865	0.323	ug/L #	1
14) Carbon disulfide	2.795	76	9834	0.274	ug/L	99
15) Methyl Acetate	2.949	43	1469m	0.362	ug/L	
16) Methylene chloride	3.042	84	10784	0.753	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	6672	0.257	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	2919	0.242	ug/L	74
19) 1,1-Dichloroethane	3.869	63	6616	0.297	ug/L	90
21) 2-Butanone	4.727	43	8850m	3.390	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	3526	0.252	ug/L	89
23) Bromochloromethane	4.978	128	1653	0.280	ug/L	78
27) 1,2-Dichloroethane	5.798	62	4590	0.317	ug/L #	91
29) 1,1,1-Trichloroethane	5.316	97	5770	0.278	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.390	56	4494	0.237	ug/L #	60
31) Carbon tetrachloride	5.525	117	4695	0.264	ug/L	94
33) Benzene	5.775	78	14470	0.276	ug/L	100
34) Trichloroethene	6.541	95	4241	0.286	ug/L	92
37) 1,2-Dichloropropane	6.788	63	3985	0.291	ug/L	100
38) Bromodichloromethane	7.106	83	5281	0.329	ug/L #	84
39) cis-1,3-Dichloropropene	7.608	75	4875	0.267	ug/L	95
40) 4-Methyl-2-pentanone	7.795	43	15624	2.514	ug/L #	83
42) Toluene	7.968	91	14235	0.255	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	4106m	0.281	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	2524	0.263	ug/L	90
47) Tetrachloroethene	8.550	164	2749	0.259	ug/L	91
48) 2-Hexanone	8.685	43	28570	5.932	ug/L #	87
49) Dibromochloromethane	8.804	129	2899	0.288	ug/L	86
50) 1,2-Dibromoethane	8.930	107	2548	0.286	ug/L #	98
51) Chlorobenzene	9.450	112	10363	0.290	ug/L	92
52) Ethylbenzene	9.573	91	14814	0.247	ug/L	98
53) m,p-Xylene	9.695	106	5343	0.238	ug/L	97
54) o-Xylene	10.100	106	5247	0.240	ug/L	87
55) Styrene	10.119	104	7576	0.215	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.782	83	3236	0.298	ug/L #	90
59) Bromoform	10.293	173	1305	0.259	ug/L #	90
60) Isopropylbenzene	10.486	105	12630	0.233	ug/L	98
61) 1,2,3-Trichloropropane	10.827	75	2459	0.334	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.087	105	9596	0.221	ug/L	97
63) 1,2,4-Trimethylbenzene	11.470	105	8894	0.209	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	7389	0.284	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	8586	0.331	ug/L	90
67) 1,2-Dichlorobenzene	12.212	146	6687	0.281	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	305	0.239	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.222	180	4233	0.237	ug/L	96
70) 1,2,4-trichlorobenzene	13.849	180	4933	0.362	ug/L	95

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

