

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026952.D
 Acq On : 26 Jul 2022 15:18
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jul 27 01:56:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	510743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	516600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	233896	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	189006	44.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.240%
7) Chloroethane-d5	1.564	69	161929	46.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.460%
11) 1,1-Dichloroethene-d2	2.101	63	264713	34.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.700%
21) 2-Butanone-d5	3.886	46	289669	100.323	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	4.342	84	391352	46.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	5.024	65	239042	49.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
32) Benzene-d6	5.043	84	768699	49.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	6.066	67	256599	50.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.980%
41) Toluene-d8	7.313	98	638944	46.764	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	7.619	79	102207	48.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.940%
47) 2-Hexanone-d5	8.088	63	194707	88.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	371420	48.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	11.622	152	246580	56.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	10396	1.970	ug/L	99
3) Chloromethane	1.236	50	10435	2.115	ug/L	97
5) Vinyl chloride	1.307	62	11658	2.223	ug/L #	72
6) Bromomethane	1.516	94	7345	2.318	ug/L	99
8) Chloroethane	1.581	64	6642	2.155	ug/L	97
9) Trichlorofluoromethane	1.748	101	15383	2.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	11468	2.713	ug/L	87
12) 1,1-Dichloroethene	2.111	96	10592	2.682	ug/L #	1
13) Acetone	2.179	43	12790m	6.309	ug/L	
14) Carbon disulfide	2.288	76	22989	2.040	ug/L	99
15) Methyl Acetate	2.436	43	10265	2.296	ug/L	93
16) Methylene chloride	2.503	84	19118	3.798	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	8546	2.048	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	24135	2.082	ug/L	96
19) 1,1-Dichloroethane	3.185	63	16493	2.146	ug/L	93
20) cis-1,2-Dichloroethene	3.908	96	10054	2.286	ug/L	93
22) 2-Butanone	3.989	43	15441m	5.584	ug/L	
23) Bromochloromethane	4.256	128	5916m	2.349	ug/L	
27) 1,2-Dichloroethane	5.137	62	12581	2.175	ug/L	96

07/27/2022
 Supervised By :Mahesh
 adoda

07/28/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.670	56	9730	1.801	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	14348	2.102	ug/L	97
31) Carbon tetrachloride	4.822	117	12710	2.127	ug/L	96
33) Benzene	5.098	78	35517	2.138	ug/L	100
35) Methylcyclohexane	6.127	83	12143	1.921	ug/L	99
37) 1,2-Dichloropropane	6.175	63	9917	2.294	ug/L #	93
38) Bromodichloromethane	6.513	83	12467	2.127	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	13011	2.168	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	19094	3.711	ug/L	98
42) Toluene	7.391	91	35449	2.090	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	13732m	2.320	ug/L	
45) 1,1,2-Trichloroethane	7.841	97	11089	2.408	ug/L	97
46) Tetrachloroethene	7.976	164	6811	2.045	ug/L	96
48) 2-Hexanone	8.149	43	26792m	6.690	ug/L	
49) Dibromochloromethane	8.246	129	10355	2.152	ug/L	92
50) 1,2-Dibromoethane	8.355	107	10621	2.254	ug/L #	97
51) Chlorobenzene	8.882	112	25232	2.135	ug/L	98
52) Ethylbenzene	9.014	91	32001	1.818	ug/L	99
53) m,p-Xylene	9.140	106	11665	1.693	ug/L	96
54) o-Xylene	9.545	106	11479	1.729	ug/L	92
55) Styrene	9.567	104	18810	1.605	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	18581	2.500	ug/L #	98
59) Bromoform	9.731	173	6700	2.564	ug/L	98
60) Isopropylbenzene	9.931	105	27002	1.953	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	13254	2.824	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	21528	1.916	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	20739	1.841	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	15504	2.195	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	16446	2.198	ug/L	91
67) 1,2-Dichlorobenzene	11.641	146	19106	2.637	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	3140	2.504	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	10565	2.113	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	8161	1.937	ug/L	95
71) Naphthalene	13.503	128	23378	1.765	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	8476	1.929	ug/L	97

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

