

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022558.D
 Acq On : 04 Oct 2021 15:46
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV235

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:45:13 PM

Quant Time: Oct 05 02:08:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:58:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	119149	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	110592	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62435	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	17963	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.561	69	25510	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.101	63	54439	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.921	46	122008	54.07	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.14%
24) Chloroform-d	4.339	84	73586	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.031	65	34266	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.037	84	123610	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.066	67	40942	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.310	98	104874	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloroprop...	7.622	79	12223	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.098	63	83038	57.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.28%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35052	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	44084	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	46788	5.16	ug/L	97
3) Chloromethane	1.240	50	48009	5.28	ug/L	100
5) Vinyl chloride	1.304	62	46849	5.11	ug/L	99
6) Bromomethane	1.513	94	31549	5.18	ug/L	100
8) Chloroethane	1.577	64	29248	5.02	ug/L	99
9) Trichlorofluoromethane	1.744	101	72668	5.30	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	41870	5.31	ug/L	98
12) 1,1-Dichloroethene	2.111	96	38682	5.30	ug/L	96
13) Acetone	2.191	43	71954m	59.29	ug/L	
14) Carbon disulfide	2.285	76	112698	5.28	ug/L	98
15) Methyl Acetate	2.439	43	23884	6.68	ug/L	99
16) Methylene chloride	2.497	84	41527	4.94	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	99401	5.36	ug/L	99
18) trans-1,2-Dichloroethene	2.748	96	41172	5.18	ug/L	97
19) 1,1-Dichloroethane	3.178	63	74726	5.24	ug/L	98
21) 2-Butanone	4.005	43	115464	59.44	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	44307	5.13	ug/L	97
23) Bromochloromethane	4.236	128	20242	4.98	ug/L	94
25) Chloroform	4.365	83	79474	5.10	ug/L	99

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27) 1,2-Dichloroethane	5.127	62	43613	5.26	ug/L	96
29) 1,1,1-Trichloroethane	4.593	97	67711	5.36	ug/L	98
30) Cyclohexane	4.654	56	62044	5.42	ug/L	99
31) Carbon tetrachloride	4.812	117	60090	5.36	ug/L	97
33) Benzene	5.088	78	160495	5.38	ug/L	100
34) Trichloroethene	5.905	95	43575	5.03	ug/L	99
35) Methylcyclohexane	6.120	83	65379	5.39	ug/L	99
37) 1,2-Dichloropropane	6.172	63	37738	5.19	ug/L	99
38) Bromodichloromethane	6.506	83	47739	5.18	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	53195	5.42	ug/L	99
40) 4-Methyl-2-pentanone	7.239	43	236245	58.99	ug/L	100
42) Toluene	7.384	91	171734	5.49	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	45306	5.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	29827	5.49	ug/L	99
47) Tetrachloroethene	7.973	164	37011	5.50	ug/L	95
48) 2-Hexanone	8.146	43	173123	60.08	ug/L	100
49) Dibromochloromethane	8.246	129	35514	5.55	ug/L	99
50) 1,2-Dibromoethane	8.352	107	27516	5.45	ug/L	92
51) Chlorobenzene	8.879	112	108829	5.31	ug/L	96
52) Ethylbenzene	9.011	91	173130	5.39	ug/L	99
53) m,p-xylene	9.136	106	69494	5.67	ug/L	95
54) o-xylene	9.542	106	64827	5.32	ug/L	99
55) Styrene	9.561	104	115660	5.58	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	32327	5.49	ug/L	99
59) Bromoform	9.731	173	19757	5.39	ug/L	99
60) Isopropylbenzene	9.931	105	180204	5.37	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24294	5.25	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	144113	5.30	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	148521	5.37	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	90782	5.28	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	90473	5.15	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	82798	5.17	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5008	5.66	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	67593	5.25	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	55243	5.35	ug/L	99
71) Naphthalene	13.503	128	95448	5.64	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	53362	5.62	ug/L	98

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

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