

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023202.D
 Acq On : 04 Nov 2021 14:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV252

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 09 01:00:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 13:19:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	136289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	45269	5.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.564	69	37329	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.105	63	83906	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	3.905	46	86339m	56.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.480%
24) Chloroform-d	4.346	84	96548	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.034	65	44755	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.047	84	188070	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.069	67	54073	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.313	98	178820	5.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.622	79	21540	5.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.088	63	80859	56.304	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37608	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	65951	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	69318	4.998	ug/L	99
3) Chloromethane	1.236	50	58604	4.970	ug/L	97
5) Vinyl chloride	1.307	62	58017	4.927	ug/L	99
6) Bromomethane	1.519	94	38030	5.052	ug/L	98
8) Chloroethane	1.580	64	33808	4.975	ug/L	98
9) Trichlorofluoromethane	1.751	101	86969	4.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44334	4.977	ug/L	98
12) 1,1-Dichloroethene	2.114	96	42001	4.952	ug/L	95
13) Acetone	2.191	43	51383m	54.781	ug/L	
14) Carbon disulfide	2.291	76	159987	4.998	ug/L	99
15) Methyl Acetate	2.439	43	11646	4.387	ug/L	99
16) Methylene chloride	2.503	84	52463	4.239	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	96884	5.189	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	52440	5.029	ug/L	99
19) 1,1-Dichloroethane	3.188	63	89744	5.098	ug/L	98
21) 2-Butanone	3.989	43	87484m	57.689	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	52293	5.211	ug/L	# 88
23) Bromochloromethane	4.246	128	23042	4.980	ug/L	# 82
25) Chloroform	4.375	83	92411	4.925	ug/L	98

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27) 1,2-Dichloroethane	5.130	62	51086	5.118	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	84809	5.124	ug/L	99
30) Cyclohexane	4.674	56	77627	5.234	ug/L	97
31) Carbon tetrachloride	4.825	117	76881	5.172	ug/L	96
33) Benzene	5.098	78	201534	5.291	ug/L	100
34) Trichloroethene	5.911	95	53271	5.259	ug/L	97
35) Methylcyclohexane	6.130	83	84893	5.309	ug/L	95
37) 1,2-Dichloropropane	6.172	63	46464	5.225	ug/L	97
38) Bromodichloromethane	6.510	83	60171	5.049	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	67264	5.259	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	229437	55.628	ug/L	98
42) Toluene	7.387	91	220093	5.402	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	57623	5.429	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32149	5.031	ug/L	99
47) Tetrachloroethene	7.976	164	45404	5.172	ug/L	99
48) 2-Hexanone	8.140	43	162080	56.081	ug/L	96
49) Dibromochloromethane	8.246	129	41784	5.161	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30605	5.168	ug/L	96
51) Chlorobenzene	8.882	112	139416	5.148	ug/L	98
52) Ethylbenzene	9.011	91	228524	5.318	ug/L	98
53) m,p-xylene	9.140	106	91146	5.405	ug/L	98
54) o-xylene	9.545	106	84661	5.351	ug/L	99
55) Styrene	9.561	104	148372	5.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	35424	5.060	ug/L	96
59) Bromoform	9.731	173	22609	5.030	ug/L	98
60) Isopropylbenzene	9.931	105	229922	5.324	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25200	5.041	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	193810	5.413	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	197091	5.530	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	117413	5.321	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	116295	5.161	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	101463	5.139	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5926	5.564	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	90941	5.264	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	73761	5.331	ug/L	99
71) Naphthalene	13.503	128	106173	5.204	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	64941	5.365	ug/L	99

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

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