

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023238.D
 Acq On : 05 Nov 2021 17:34
 Operator : SY/MD
 Sample : M4535-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 09 03:24:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41057	4.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.568	69	34302	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.108	63	78546	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.902	46	76809	52.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	4.352	84	94995	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.037	65	43639	5.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.050	84	178812	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.072	67	53030	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	171429	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.625	79	19421	5.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.092	63	79448	56.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39265	5.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	63524	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	66727	5.048	ug/L	99
3) Chloromethane	1.240	50	57358	5.104	ug/L	95
5) Vinyl chloride	1.311	62	56727	5.054	ug/L	98
6) Bromomethane	1.523	94	35852	4.997	ug/L	99
8) Chloroethane	1.584	64	32874	5.075	ug/L	97
9) Trichlorofluoromethane	1.754	101	84919	5.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41543	4.893	ug/L	99
12) 1,1-Dichloroethene	2.118	96	40457	5.005	ug/L	95
13) Acetone	2.188	43	53518m	59.864	ug/L	
14) Carbon disulfide	2.294	76	150556	4.935	ug/L	99
15) Methyl Acetate	2.442	43	14869	5.877	ug/L #	89
16) Methylene chloride	2.507	84	50301	4.264	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	95835	5.385	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	50237	5.055	ug/L	97
19) 1,1-Dichloroethane	3.191	63	88763	5.290	ug/L	96
21) 2-Butanone	3.986	43	71843	49.706	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	50744	5.306	ug/L #	90
23) Bromochloromethane	4.253	128	22415	5.083	ug/L	88
25) Chloroform	4.378	83	94970	5.310	ug/L	98

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27) 1,2-Dichloroethane	5.133	62	48747	5.124	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	82377	5.071	ug/L	100
30) Cyclohexane	4.677	56	72343	4.970	ug/L	99
31) Carbon tetrachloride	4.828	117	75345	5.165	ug/L	98
33) Benzene	5.101	78	199207	5.329	ug/L	100
34) Trichloroethene	5.915	95	49837	5.013	ug/L	99
35) Methylcyclohexane	6.133	83	74714	4.762	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46584	5.338	ug/L	99
38) Bromodichloromethane	6.513	83	60312	5.157	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	57393	4.572	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	235246	58.121	ug/L	98
42) Toluene	7.391	91	220485	5.514	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	51958	4.989	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	32697	5.214	ug/L	98
47) Tetrachloroethene	7.976	164	43350	5.032	ug/L	98
48) 2-Hexanone	8.143	43	170010	59.944	ug/L	98
49) Dibromochloromethane	8.246	129	41965	5.282	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30631	5.271	ug/L	97
51) Chlorobenzene	8.883	112	136831	5.149	ug/L	98
52) Ethylbenzene	9.014	91	217551	5.159	ug/L	98
53) m,p-xylene	9.140	106	84874	5.128	ug/L	95
54) o-xylene	9.545	106	81678	5.261	ug/L	97
55) Styrene	9.561	104	139345	5.239	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	37264	5.424	ug/L	98
59) Bromoform	9.731	173	22641	5.139	ug/L #	97
60) Isopropylbenzene	9.934	105	219341	5.182	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26472	5.402	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	175836	5.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	182725	5.230	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	111255	5.144	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	110945	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	101702	5.255	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5618	5.381	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	81757	4.828	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	64242	4.737	ug/L	98
71) Naphthalene	13.503	128	95680	4.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59324	5.000	ug/L	98

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

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