

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023239.D
 Acq On : 05 Nov 2021 17:57
 Operator : SY/MD
 Sample : M4535-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 03:27:19 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	136855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41164	4.801	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.568	69	35216	5.040	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.111	63	79027	4.924	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	3.899	46	80028	54.181	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.360%	
24) Chloroform-d	4.352	84	93224	5.102	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.037	65	41629	5.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.053	84	175061	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.072	67	51943	5.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.317	98	165748	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
43) trans-1,3-Dichloroprop...	7.625	79	18226	4.767	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.091	63	77530	55.111	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.220%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37699	5.199	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61595	5.026	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	66437	4.979	ug/L	99
3) Chloromethane	1.240	50	58681	5.172	ug/L	97
5) Vinyl chloride	1.310	62	58004	5.119	ug/L	100
6) Bromomethane	1.523	94	36012	4.972	ug/L	97
8) Chloroethane	1.584	64	32910	5.033	ug/L	96
9) Trichlorofluoromethane	1.754	101	84141	4.942	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	43126	5.031	ug/L	99
12) 1,1-Dichloroethene	2.121	96	41020	5.026	ug/L	88
13) Acetone	2.188	43	56316m	62.399	ug/L	
14) Carbon disulfide	2.294	76	151093	4.906	ug/L	100
15) Methyl Acetate	2.442	43	11575	4.532	ug/L	96
16) Methylene chloride	2.506	84	49043	4.118	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	97128	5.407	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	50142	4.998	ug/L	97
19) 1,1-Dichloroethane	3.191	63	88325	5.214	ug/L	98
21) 2-Butanone	3.982	43	72628	49.774	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	51227	5.306	ug/L #	91
23) Bromochloromethane	4.252	128	22834	5.129	ug/L	83
25) Chloroform	4.378	83	92869	5.144	ug/L	99

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27) 1,2-Dichloroethane	5.137	62	48011	4.999	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	83660	5.159	ug/L	99
30) Cyclohexane	4.680	56	72563	4.994	ug/L	98
31) Carbon tetrachloride	4.828	117	74829	5.138	ug/L	97
33) Benzene	5.101	78	195251	5.232	ug/L	100
34) Trichloroethene	5.915	95	50372	5.076	ug/L	98
35) Methylcyclohexane	6.133	83	76328	4.873	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46637	5.354	ug/L	100
38) Bromodichloromethane	6.513	83	60075	5.146	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	59331	4.735	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	231207	57.225	ug/L	99
42) Toluene	7.387	91	216659	5.428	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50690	4.876	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31799	5.080	ug/L	97
47) Tetrachloroethene	7.979	164	43540	5.063	ug/L	97
48) 2-Hexanone	8.140	43	166275	58.732	ug/L	98
49) Dibromochloromethane	8.246	129	40888	5.155	ug/L	97
50) 1,2-Dibromoethane	8.355	107	30171	5.201	ug/L	94
51) Chlorobenzene	8.882	112	133650	5.038	ug/L	99
52) Ethylbenzene	9.014	91	215996	5.131	ug/L	98
53) m,p-xylene	9.140	106	86333	5.226	ug/L	95
54) o-xylene	9.545	106	81012	5.227	ug/L	98
55) Styrene	9.561	104	137276	5.170	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	36072	5.260	ug/L	97
59) Bromoform	9.731	173	22058	5.017	ug/L	98
60) Isopropylbenzene	9.934	105	217992	5.161	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25862	5.289	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	176516	5.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	181973	5.220	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	110034	5.098	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	110242	5.002	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99613	5.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5303	5.091	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	81914	4.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	64528	4.769	ug/L	99
71) Naphthalene	13.503	128	97752	4.899	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59151	4.996	ug/L	100

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

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