

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VW023748.D
 Acq On : 30 Nov 2021 15:49
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 01:31:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 01 01:21:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	135791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47199	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	39085	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	70354	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.889	46	83873	62.588	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.180%
24) Chloroform-d	4.346	84	88911	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.027	65	45501	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	179808	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.066	67	51887	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.314	98	164625	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.622	79	19840	4.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	64808	48.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33434	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63543	5.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2129	0.165	ug/L	97
3) Chloromethane	1.243	50	2454	0.219	ug/L	97
5) Vinyl chloride	1.311	62	1986	0.169	ug/L #	43
6) Bromomethane	1.523	94	1243	0.186	ug/L	99
8) Chloroethane	1.587	64	1435	0.193	ug/L	92
9) Trichlorofluoromethane	1.751	101	3198	0.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2180	0.227	ug/L #	85
12) 1,1-Dichloroethene	2.121	96	2018	0.222	ug/L #	1
13) Acetone	2.195	43	3814m	3.163	ug/L	
14) Carbon disulfide	2.298	76	4930	0.161	ug/L #	93
17) Methyl tert-butyl Ether	2.767	73	2948	0.158	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1824	0.176	ug/L	90
19) 1,1-Dichloroethane	3.188	63	2965	0.170	ug/L	96
21) 2-Butanone	3.986	43	3983m	2.610	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1767	0.178	ug/L	78
23) Bromochloromethane	4.272	128	759m	0.163	ug/L	
25) Chloroform	4.365	83	7968	0.410	ug/L	89
27) 1,2-Dichloroethane	5.150	62	2138m	0.207	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	2879	0.167	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.677	56	2246	0.156	ug/L #	69
31) Carbon tetrachloride	4.822	117	2759	0.175	ug/L	98
33) Benzene	5.101	78	6370	0.170	ug/L	100
34) Trichloroethene	5.925	95	1807	0.180	ug/L	90
35) Methylcyclohexane	6.121	83	2813m	0.179	ug/L	
37) 1,2-Dichloropropane	6.182	63	1619	0.181	ug/L #	84
38) Bromodichloromethane	6.513	83	2081	0.172	ug/L #	80
39) cis-1,3-Dichloropropene	7.037	75	2124	0.167	ug/L	94
40) 4-Methyl-2-pentanone	7.233	43	6038	1.417	ug/L #	87
42) Toluene	7.391	91	9402	0.231	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	1991	0.187	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	1199	0.194	ug/L	84
47) Tetrachloroethene	7.973	164	1677	0.183	ug/L	91
48) 2-Hexanone	8.143	43	11576m	3.676	ug/L	
49) Dibromochloromethane	8.249	129	1456	0.172	ug/L	95
50) 1,2-Dibromoethane	8.358	107	861	0.143	ug/L #	76
51) Chlorobenzene	8.883	112	4596	0.170	ug/L	94
52) Ethylbenzene	9.018	91	6533	0.153	ug/L	99
53) m,p-xylene	9.143	106	2719	0.161	ug/L	91
54) o-xylene	9.545	106	2334	0.145	ug/L	93
55) Styrene	9.571	104	3986	0.147	ug/L #	79
57) 1,1,2,2-Tetrachloroethane	10.239	83	1344	0.195	ug/L #	96
59) Bromoform	9.735	173	644	0.153	ug/L #	66
60) Isopropylbenzene	9.931	105	5895	0.155	ug/L	94
61) 1,2,3-Trichloropropane	10.278	75	787	0.174	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	4842	0.153	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	5291	0.169	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	3321	0.170	ug/L	85
65) 1,4-Dichlorobenzene	11.275	146	3524	0.180	ug/L #	87
67) 1,2-Dichlorobenzene	11.645	146	3243	0.182	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.432	75	68	0.076	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.648	180	2640	0.173	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	2007	0.170	ug/L	95
71) Naphthalene	13.513	128	2379	0.150	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.747	180	1698	0.166	ug/L	97

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

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