

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110121\
 Data File : VX025036.D
 Acq On : 01 Nov 2021 16:18
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/02/2021
 Supervised By :Mahesh Dadoda 11/02/2021

Quant Time: Nov 02 03:50:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 03:29:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	167971	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	151525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29553	27.601	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	55.200%	#	
7) Chloroethane-d5	1.673	69	23373	31.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.880%	#	
11) 1,1-Dichloroethene-d2	2.307	63	63640	24.120	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.240%	#	
21) 2-Butanone-d5	4.465	46	90892	84.987	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.990%	#	
24) Chloroform-d	5.062	84	113485	40.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.020%	#	
26) 1,2-Dichloroethane-d4	5.958	65	83925	40.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.700%	#	
32) Benzene-d6	5.977	84	174094	40.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.960%	#	
36) 1,2-Dichloropropane-d6	7.312	67	60795	41.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.960%	#	
41) Toluene-d8	8.653	98	166007	40.346	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.700%	#	
43) trans-1,3-Dichloroprop...	8.952	79	33905	40.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.500%	#	
47) 2-Hexanone-d5	9.385	63	68060	91.204	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.200%	#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	93902	47.379	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.760%	#	
66) 1,2-Dichlorobenzene-d4	12.323	152	61980	44.430	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.860%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3483	2.209	ug/L #	86
3) Chloromethane	1.288	50	2220	2.025	ug/L #	72
5) Vinyl chloride	1.374	62	2224	1.803	ug/L #	72
6) Bromomethane	1.618	94	1656	2.087	ug/L	98
8) Chloroethane	1.691	64	1258	2.019	ug/L #	79
9) Trichlorofluoromethane	1.886	101	5006	1.828	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	3261	2.626	ug/L	90
12) 1,1-Dichloroethene	2.319	96	2408	2.305	ug/L #	1
13) Acetone	2.404	43	3246m	3.193	ug/L	
14) Carbon disulfide	2.514	76	5340	1.886	ug/L	97
15) Methyl Acetate	2.709	43	2913	1.982	ug/L #	74
16) Methylene chloride	2.788	84	3285	2.777	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	2700m	2.524	ug/L	
18) Methyl tert-butyl Ether	3.117	73	9071	2.053	ug/L #	87
19) 1,1-Dichloroethane	3.617	63	5213	2.097	ug/L #	84
20) cis-1,2-Dichloroethene	4.495	96	2804	2.320	ug/L	85
22) 2-Butanone	4.574	43	4664m	3.727	ug/L	
23) Bromochloromethane	4.910	128	1562m	2.587	ug/L	
25) Chloroform	5.105	83	7290m	2.635	ug/L	

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27) 1,2-Dichloroethane	6.092	62	5130m	2.097	ug/L	
29) Cyclohexane	5.489	56	4012m	1.953	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	5717	2.181	ug/L #	88
31) Carbon tetrachloride	5.684	117	4669	2.103	ug/L	97
33) Benzene	6.044	78	10145	2.163	ug/L	100
34) Trichloroethene	7.135	95	3245	2.293	ug/L #	68
35) Methylcyclohexane	7.379	83	4156	2.035	ug/L	96
37) 1,2-Dichloropropane	7.440	63	2833	2.123	ug/L #	87
38) Bromodichloromethane	7.824	83	4516	2.215	ug/L #	96
39) cis-1,3-Dichloropropene	8.366	75	4338	2.000	ug/L	93
40) 4-Methyl-2-pentanone	8.580	43	7646	3.689	ug/L #	87
42) Toluene	8.720	91	12976	2.528	ug/L	92
44) trans-1,3-Dichloropropene	8.982	75	4397	1.969	ug/L	97
45) 1,1,2-Trichloroethane	9.159	97	2558	2.047	ug/L #	83
46) Tetrachloroethene	9.275	164	1922	2.176	ug/L	82
48) 2-Hexanone	9.433	43	6480	3.783	ug/L #	88
49) Dibromochloromethane	9.525	129	3335	2.371	ug/L	92
50) 1,2-Dibromoethane	9.616	107	3060	2.220	ug/L #	92
51) Chlorobenzene	10.086	112	6765	2.204	ug/L	91
52) Ethylbenzene	10.195	91	12630	2.132	ug/L	94
53) m,p-Xylene	10.305	106	4425	2.172	ug/L	91
54) o-Xylene	10.646	106	4638	2.328	ug/L	91
55) Styrene	10.659	104	6770	2.009	ug/L	84
57) 1,1,2,2-Tetrachloroethane	11.213	83	4847	2.411	ug/L	86
59) Bromoform	10.805	173	1892	2.137	ug/L #	87
60) Isopropylbenzene	10.970	105	11198	2.044	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	4274	2.441	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	10079	2.124	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	9755	2.050	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	4892	2.294	ug/L	95
65) 1,4-Dichlorobenzene	12.049	146	5264	2.387	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	5335	2.449	ug/L #	81
68) 1,2-Dibromo-3-chloropr...	12.945	75	1214	2.126	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	3161m	2.064	ug/L	
70) 1,2,4-trichlorobenzene	13.591	180	2667	2.054	ug/L	90
71) Naphthalene	13.780	128	7322	1.631	ug/L	99
72) 1,2,3-Trichlorobenzene	13.969	180	2577m	1.930	ug/L	

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

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