Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
Data File : VU045443.D
Acq On : 28 Oct 2021 16:29
Operator : SY/MD
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
SAM
11/2/2021 5:49:53 PM

Quant Time: Oct 29 03:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 29 03:03:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	309801	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	296687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	143893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	117745	46.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.400%			
7) Chloroethane-d5	1.916	69	101695	50.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.660%			
11) 1,1-Dichloroethene-d2	2.572	63	161130	35.981	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.960%			
21) 2-Butanone-d5	4.626	46	213491	101.173	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.170%			
24) Chloroform-d	5.067	84	214950	47.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.040%			
26) 1,2-Dichloroethane-d4	5.706	65	150395	50.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.560%			
32) Benzene-d6	5.732	84	444543	48.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.960%			
36) 1,2-Dichloropropane-d6	6.694	67	146569	49.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.760%			
41) Toluene-d8	7.899	98	387011	48.386	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.780%			
43) trans-1,3-Dichloroprop...	8.182	79	66829	47.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.860%			
47) 2-Hexanone-d5	8.632	63	152223	96.087	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.090%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213144	47.856	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.720%			
66) 1,2-Dichlorobenzene-d4	12.195	152	143598	49.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6896	2.519	ug/L	98
3) Chloromethane	1.520	50	8951	2.708	ug/L	99
5) Vinyl chloride	1.604	62	8417	2.709	ug/L	83
6) Bromomethane	1.861	94	4300	2.689	ug/L	95
8) Chloroethane	1.935	64	5666	3.086	ug/L	96
9) Trichlorofluoromethane	2.141	101	9385	2.552	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	6891	3.075	ug/L	88
12) 1,1-Dichloroethene	2.581	96	6503	3.075	ug/L #	1
13) Acetone	2.636	43	9229	5.333	ug/L	100
14) Carbon disulfide	2.797	76	15476	2.560	ug/L	99
15) Methyl Acetate	2.954	43	8042	2.750	ug/L	97
16) Methylene chloride	3.047	84	7289	2.793	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	5835	2.579	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	20581	2.594	ug/L	100
19) 1,1-Dichloroethane	3.877	63	11489	2.548	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	6735	2.610	ug/L	98
22) 2-Butanone	4.713	43	11331	4.794	ug/L	98
23) Bromochloromethane	4.980	128	3182	2.561	ug/L	92
25) Chloroform	5.092	83	12490	2.768	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.796	62	10299	2.790	ug/L		97
29) Cyclohexane	5.391	56	10674	2.510	ug/L		97
30) 1,1,1-Trichloroethane	5.321	97	9462	2.511	ug/L		98
31) Carbon tetrachloride	5.526	117	7189	2.413	ug/L		99
33) Benzene	5.777	78	26146	2.541	ug/L		100
34) Trichloroethene	6.549	95	6626	2.682	ug/L		94
35) Methylcyclohexane	6.768	83	10510	2.449	ug/L		97
37) 1,2-Dichloropropane	6.793	63	7118	2.605	ug/L		98
38) Bromodichloromethane	7.108	83	8595	2.502	ug/L		98
39) cis-1,3-Dichloropropene	7.610	75	10705	2.561	ug/L		97
40) 4-Methyl-2-pentanone	7.793	43	19438	4.821	ug/L		95
42) Toluene	7.973	91	32770	3.060	ug/L		98
44) trans-1,3-Dichloropropene	8.211	75	10226m	2.595	ug/L		
45) 1,1,2-Trichloroethane	8.404	97	6592	2.598	ug/L		94
46) Tetrachloroethene	8.555	164	4668	2.664	ug/L		94
48) 2-Hexanone	8.687	43	19254	5.733	ug/L		99
49) Dibromochloromethane	8.812	129	6201	2.536	ug/L		92
50) 1,2-Dibromoethane	8.925	107	6905	2.593	ug/L		96
51) Chlorobenzene	9.449	112	16787	2.594	ug/L		99
52) Ethylbenzene	9.571	91	27719	2.440	ug/L		97
53) m,p-Xylene	9.697	106	10682	2.458	ug/L		97
54) o-xylene	10.102	106	10444	2.426	ug/L		96
55) Styrene	10.115	104	16322	2.257	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.783	83	11749	2.607	ug/L	#	99
59) Bromoform	10.295	173	3738	2.253	ug/L	#	98
60) 1,2,3-Trichloropropane	10.825	75	9459	2.669	ug/L		97
61) Isopropylbenzene	10.488	105	25273	2.376	ug/L		99
62) 1,3,5-Trimethylbenzene	11.089	105	21022	2.321	ug/L		99
63) 1,2,4-Trimethylbenzene	11.468	105	21280	2.311	ug/L		100
64) 1,3-Dichlorobenzene	11.748	146	11435	2.431	ug/L		93
65) 1,4-Dichlorobenzene	11.838	146	12648	2.658	ug/L		94
67) 1,2-Dichlorobenzene	12.214	146	13060	2.683	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.999	75	2601	2.514	ug/L		84
69) 1,3,5-Trichlorobenzene	13.221	180	8659	2.496	ug/L		99
70) 1,2,4-trichlorobenzene	13.841	180	7717	2.434	ug/L		95
71) Naphthalene	14.089	128	27236	2.255	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	8382	2.584	ug/L		98

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

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