Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
Data File : VU045328.D
Acq On : 19 Oct 2021 13:40
Operator : SY/MD
Sample : VSTD10022
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD100022

Quant Time: Oct 20 02:48:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 02:46:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	306660	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	156321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131049	44.096	ug/L	0.00
7) Chloroethane-d5	1.909	69	126264	52.904	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	261799	51.890	ug/L	0.00
21) 2-Butanone-d5	4.626	46	409484	161.410	ug/L	0.00
24) Chloroform-d	5.070	84	359125	72.302	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	237004	70.323	ug/L	0.00
32) Benzene-d6	5.732	84	574444	60.369	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	222545	70.020	ug/L	0.00
41) Toluene-d8	7.902	98	495398	60.621	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	117289	81.456	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	301308	167.027	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	418503	81.596	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	269408	82.545	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	211899	75.722	ug/L	99
3) Chloromethane	1.523	50	236384	68.626	ug/L	99
5) Vinyl chloride	1.607	62	263227	76.691	ug/L	98
6) Bromomethane	1.848	94	146272	86.476	ug/L	99
8) Chloroethane	1.932	64	169474	78.624	ug/L	100
9) Trichlorofluoromethane	2.141	101	321122	81.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	208642	83.304	ug/L	100
12) 1,1-Dichloroethene	2.581	96	192168	83.970	ug/L	100
13) Acetone	2.629	43	376603	130.491	ug/L	100
14) Carbon disulfide	2.796	76	530924	73.898	ug/L	100
15) Methyl Acetate	2.951	43	275405	76.453	ug/L	99
16) Methylene chloride	3.050	84	236182	80.888	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	204952	84.853	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	738481	91.389	ug/L	100
19) 1,1-Dichloroethane	3.874	63	419451	83.385	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	241481	89.822	ug/L	97
22) 2-Butanone	4.706	43	467965	143.750	ug/L	99
23) Bromochloromethane	4.980	128	114724	84.247	ug/L	98
25) Chloroform	5.092	83	421103	83.580	ug/L	100
27) 1,2-Dichloroethane	5.800	62	342307	82.101	ug/L	99
29) Cyclohexane	5.394	56	363564	84.395	ug/L	99
30) 1,1,1-Trichloroethane	5.320	97	344769	85.509	ug/L	99
31) Carbon tetrachloride	5.529	117	268342	84.319	ug/L	100
33) Benzene	5.780	78	911956	84.498	ug/L	100
34) Trichloroethene	6.546	95	224800	86.128	ug/L	99
35) Methylcyclohexane	6.767	83	368912	86.056	ug/L	99
37) 1,2-Dichloropropane	6.796	63	246001	83.543	ug/L	100
38) Bromodichloromethane	7.111	83	321555	88.600	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	388820	91.569	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	781130	160.788	ug/L	100
42) Toluene	7.973	91	969103	88.249	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	372247	92.103	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	234238	86.817	ug/L	98
46) Tetrachloroethene	8.558	164	158059	85.268	ug/L	98
48) 2-Hexanone	8.687	43	639022	149.319	ug/L	98
49) Dibromochloromethane	8.816	129	236644	88.869	ug/L	98
50) 1,2-Dibromoethane	8.928	107	244470	86.847	ug/L	99
51) Chlorobenzene	9.452	112	602031	87.818	ug/L	98
52) Ethylbenzene	9.574	91	1075337	91.902	ug/L	100
53) m,p-Xylene	9.697	106	412939	93.109	ug/L	99
54) o-xylene	10.105	106	406608	93.143	ug/L	97
55) Styrene	10.118	104	711810	94.865	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	419974	81.712	ug/L	100
59) Bromoform	10.295	173	169800	90.098	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	334018	79.922	ug/L	99
61) Isopropylbenzene	10.487	105	1060908	95.184	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	914806	98.163	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	929374	97.629	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	464852	89.671	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	468164	88.178	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	467279	88.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	99752	84.029	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	336892	94.128	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	299481	101.023	ug/L	99
71) Naphthalene	14.089	128	1097271	107.896	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	301051	99.784	ug/L	99

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

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