Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033377.D
Acq On : 15 Dec 2023 14:37
Operator : SY/MD
Sample : VSTD10020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD100220

Quant Time: Dec 15 23:00:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 15 22:58:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	240898	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	246784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	191666	124.761	ug/L	0.00
7) Chloroethane-d5	1.529	69	168353	146.541	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	92506	148.797	ug/L	0.00
21) 2-Butanone-d5	3.777	46	206172	268.956	ug/L	0.00
24) Chloroform-d	4.246	84	375143	117.323	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	232352	117.205	ug/L	0.00
32) Benzene-d6	4.960	84	709281	118.625	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	209589	126.790	ug/L	0.00
41) Toluene-d8	7.243	98	678704	119.141	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	111061	112.669	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	164787	257.595	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	303107	128.527	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	270016	106.402	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	193717	76.912	ug/L	99
3) Chloromethane	1.214	50	171883	97.877	ug/L	98
5) Vinyl chloride	1.281	62	191472	110.503	ug/L	100
6) Bromomethane	1.481	94	129231	113.919	ug/L	98
8) Chloroethane	1.545	64	130003	131.730	ug/L	97
9) Trichlorofluoromethane	1.712	101	334020	116.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	191381	134.203	ug/L	100
12) 1,1-Dichloroethene	2.069	96	169446	129.831	ug/L	94
13) Acetone	2.108	43	218573	278.578	ug/L	100
14) Carbon disulfide	2.240	76	428963	99.115	ug/L	99
15) Methyl Acetate	2.368	43	162576	132.226	ug/L	96
16) Methylene chloride	2.445	84	179195	108.388	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	162131	101.652	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	525768	108.521	ug/L	99
19) 1,1-Dichloroethane	3.111	63	309515	113.058	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	188323	110.566	ug/L	99
22) 2-Butanone	3.857	43	231359	252.915	ug/L	94
23) Bromochloromethane	4.143	128	97350	99.793	ug/L	97
25) Chloroform	4.272	83	339996	109.588	ug/L	98
27) 1,2-Dichloroethane	5.037	62	268384	109.288	ug/L	99
29) Cyclohexane	4.584	56	246990	108.539	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	309362	101.526	ug/L	99
31) Carbon tetrachloride	4.735	117	274786	97.551	ug/L	98
33) Benzene	5.008	78	690261	108.845	ug/L	100
34) Trichloroethene	5.831	95	180442	97.116	ug/L	99
35) Methylcyclohexane	6.050	83	275908	102.781	ug/L	99
37) 1,2-Dichloropropane	6.092	63	182855	120.665	ug/L	100
38) Bromodichloromethane	6.429	83	257811	108.287	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	284507	107.418	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	445765	272.058	ug/L	99
42) Toluene	7.313	91	756859	106.429	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	291484	110.637	ug/L	97

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45) 1,1,2-Trichloroethane	7.767	97	189038	109.479	ug/L	98
46) Tetrachloroethene	7.905	164	142373	90.752	ug/L	99
48) 2-Hexanone	8.072	43	358523	265.816	ug/L	99
49) Dibromochloromethane	8.175	129	205673	102.760	ug/L	100
50) 1,2-Dibromoethane	8.281	107	198104	108.435	ug/L	95
51) Chlorobenzene	8.812	112	502938	101.165	ug/L	98
52) Ethylbenzene	8.947	91	866472	107.066	ug/L	100
53) m,p-Xylene	9.072	106	330187	103.541	ug/L	100
54) o-Xylene	9.477	106	320807	102.639	ug/L	96
55) Styrene	9.493	104	574861	105.338	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	290316	119.241	ug/L	99
59) Bromoform	9.664	173	144039	95.482	ug/L	99
60) Isopropylbenzene	9.866	105	885377	108.659	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	223363	118.845	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	699491	107.941	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	741901	109.613	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	425859	98.736	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	434294	96.491	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	429950	100.683	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	64623	116.048	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	303104	90.280	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	276223	90.440	ug/L	100
71) Naphthalene	13.439	128	766191	101.330	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	275010	92.386	ug/L	99

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

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