Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027131.D
Acq On : 01 Aug 2022 16:17
Operator : SY/MD
Sample : VSTD01047
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

Quant Time: Aug 02 00:05:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 00:03:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.612	114	584362	50.000	ug/L		0.00
28) Chlorobenzene-d5	8.850	117	571571	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265368	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.304	65	39703	10.484	ug/L		0.00
7) Chloroethane-d5	1.564	69	32998	11.644	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.105	63	75069	10.409	ug/L		0.00
21) 2-Butanone-d5	3.895	46	47809	20.120	ug/L		0.02
24) Chloroform-d	4.346	84	78917	10.309	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.034	65	46356	10.673	ug/L		0.00
32) Benzene-d6	5.050	84	151075	9.989	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.069	67	48161	10.294	ug/L		0.00
41) Toluene-d8	7.317	98	133258	9.773	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.625	79	19054	9.279	ug/L		0.00
47) 2-Hexanone-d5	8.095	63	29803	16.500	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	72931	10.428	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	49997	10.720	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	55830	9.985	ug/L		99
3) Chloromethane	1.240	50	52704	9.940	ug/L		100
5) Vinyl chloride	1.307	62	53295	9.656	ug/L		99
6) Bromomethane	1.519	94	28560	9.979	ug/L		97
8) Chloroethane	1.580	64	32629	11.034	ug/L		99
9) Trichlorofluoromethane	1.748	101	72463	9.965	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42529	10.198	ug/L		98
12) 1,1-Dichloroethene	2.114	96	41066	10.134	ug/L		95
13) Acetone	2.172	43	43226	20.531	ug/L		97
14) Carbon disulfide	2.291	76	116969	9.693	ug/L		100
15) Methyl Acetate	2.429	43	43300	9.453	ug/L		99
16) Methylene chloride	2.503	84	52277	10.178	ug/L		97
17) trans-1,2-Dichloroethene	2.757	96	41726	9.674	ug/L		98
18) Methyl tert-butyl Ether	2.767	73	109770	8.859	ug/L		99
19) 1,1-Dichloroethane	3.188	63	77272	9.784	ug/L		97
20) cis-1,2-Dichloroethene	3.908	96	40353	8.814	ug/L		95
22) 2-Butanone	3.979	43	46994	16.998	ug/L		95
23) Bromochloromethane	4.246	128	24584	9.451	ug/L		98
25) Chloroform	4.375	83	82488	9.919	ug/L		99
27) 1,2-Dichloroethane	5.130	62	55575	9.652	ug/L		98
29) Cyclohexane	4.674	56	48705	8.417	ug/L		99
30) 1,1,1-Trichloroethane	4.603	97	68979	9.624	ug/L		99
31) Carbon tetrachloride	4.825	117	59090	9.588	ug/L		100
33) Benzene	5.098	78	159368	9.091	ug/L		100
34) Trichloroethene	5.915	95	42841	9.503	ug/L		94
35) Methylcyclohexane	6.127	83	57778	8.635	ug/L		97
37) 1,2-Dichloropropane	6.172	63	43812	9.520	ug/L	#	96
38) Bromodichloromethane	6.510	83	57216	9.386	ug/L		99
39) cis-1,3-Dichloropropene	7.030	75	54779	8.485	ug/L		94
40) 4-Methyl-2-pentanone	7.230	43	91683	16.856	ug/L		96
42) Toluene	7.387	91	163313	9.030	ug/L		100
44) trans-1,3-Dichloropropene	7.651	75	52347	8.439	ug/L		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	46615	9.636	ug/L	97
46) Tetrachloroethene	7.976	164	32377	9.407	ug/L	99
48) 2-Hexanone	8.143	43	70439	16.656	ug/L	98
49) Dibromochloromethane	8.246	129	46397	9.239	ug/L	98
50) 1,2-Dibromoethane	8.352	107	48358	9.655	ug/L	97
51) Chlorobenzene	8.879	112	117740	9.408	ug/L	97
52) Ethylbenzene	9.014	91	158086	8.530	ug/L	100
53) m,p-Xylene	9.140	106	60242	8.286	ug/L	97
54) o-Xylene	9.542	106	58105	8.164	ug/L	95
55) Styrene	9.561	104	97243	7.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	75452	9.618	ug/L	99
59) Bromoform	9.731	173	29490	9.626	ug/L	98
60) Isopropylbenzene	9.931	105	148082	9.094	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	57590	10.453	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	59005	8.366	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	47392	8.317	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	74588	9.295	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	84023	9.925	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	81671	9.692	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	14454	9.806	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	52627	9.244	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	39895	8.345	ug/L	97
71) Naphthalene	13.503	128	119774	7.627	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	45467	8.697	ug/L	98

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

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