Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
Data File : VU048453.D
Acq On : 06 May 2022 13:48
Operator : SY/MD
Sample : VSTD01063
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010063

Quant Time: May 06 23:20:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 06 23:19:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	412771	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	390238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	182749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35272	9.434	ug/L	0.00
7) Chloroethane-d5	1.903	69	20105	7.755	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.569	63	62963	10.324	ug/L	0.00
21) 2-Butanone-d5	4.636	46	57250	18.074	ug/L	0.02
24) Chloroform-d	5.064	84	61098	9.082	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.704	65	39990	9.828	ug/L	0.00
32) Benzene-d6	5.726	84	117328	9.640	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	38550	9.548	ug/L	0.00
41) Toluene-d8	7.900	98	104070	9.492	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.183	79	16175	9.057	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	33948	16.288	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56095	8.188	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	35637	8.916	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	37489	11.823	ug/L	97
3) Chloromethane	1.524	50	44195	12.123	ug/L	98
5) Vinyl chloride	1.604	62	41121	11.368	ug/L	97
6) Bromomethane	1.855	94	17185	9.764	ug/L	99
8) Chloroethane	1.926	64	20767	10.342	ug/L	92
9) Trichlorofluoromethane	2.135	101	54259	11.559	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30543	10.018	ug/L	99
12) 1,1-Dichloroethene	2.578	96	28922	10.692	ug/L	97
13) Acetone	2.636	43	42774	20.766	ug/L	97
14) Carbon disulfide	2.794	76	88932	12.829	ug/L	99
15) Methyl Acetate	2.954	43	46669	11.260	ug/L	99
16) Methylene chloride	3.051	84	35830	10.429	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	31360	11.099	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	102760	11.057	ug/L	100
19) 1,1-Dichloroethane	3.871	63	63962	10.885	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	34177	10.273	ug/L	97
22) 2-Butanone	4.716	43	67631	22.212	ug/L	96
23) Bromochloromethane	4.974	128	17603	9.590	ug/L	94
25) Chloroform	5.089	83	64528	10.841	ug/L	98
27) 1,2-Dichloroethane	5.797	62	51802	11.623	ug/L	99
29) Cyclohexane	5.388	56	52234	13.212	ug/L	99
30) 1,1,1-Trichloroethane	5.318	97	56555	12.488	ug/L	100
31) Carbon tetrachloride	5.524	117	48377	12.525	ug/L	98
33) Benzene	5.774	78	136809	11.746	ug/L	100
34) Trichloroethene	6.543	95	33341	11.656	ug/L	97
35) Methylcyclohexane	6.765	83	51431	12.403	ug/L	97
37) 1,2-Dichloropropane	6.794	63	38654	11.685	ug/L	99
38) Bromodichloromethane	7.105	83	45986	11.065	ug/L	94
39) cis-1,3-Dichloropropene	7.607	75	50511	10.781	ug/L	95
40) 4-Methyl-2-pentanone	7.797	43	117651	23.676	ug/L	99
42) Toluene	7.970	91	139465	11.483	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	50145	11.048	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	35118	10.499	ug/L	97
46) Tetrachloroethene	8.552	164	25134	10.522	ug/L	95
48) 2-Hexanone	8.691	43	97920	23.717	ug/L	97
49) Dibromochloromethane	8.810	129	35819	9.751	ug/L	98
50) 1,2-Dibromoethane	8.925	107	35547	10.310	ug/L	95
51) Chlorobenzene	9.446	112	85683	10.009	ug/L	97
52) Ethylbenzene	9.572	91	136085	10.790	ug/L	98
53) m,p-Xylene	9.694	106	51728	10.515	ug/L	99
54) o-Xylene	10.102	106	52625	10.635	ug/L	98
55) Styrene	10.115	104	81800	9.852	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	64715	9.875	ug/L	99
59) Bromoform	10.292	173	27239	10.567	ug/L	95
60) 1,2,3-Trichloropropane	10.826	75	50637	11.839	ug/L	98
61) Isopropylbenzene	10.485	105	126561	12.157	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	66645	12.056	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	97269	11.568	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	60505	10.767	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	60931	10.573	ug/L	100
67) 1,2-Dichlorobenzene	12.215	146	63154	10.635	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	14392	12.407	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	40524	9.783	ug/L	98
70) 1,2,4-trichlorobenzene	13.842	180	32210	9.778	ug/L	98
71) Naphthalene	14.089	128	119921	12.354	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	36176	10.705	ug/L	97

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

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