Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
Data File : VX029480.D
Acq On : 14 Jun 2022 21:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD050758

Quant Time: Jun 15 05:50:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM061322WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 15 05:41:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	368217	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	336994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	176394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104556	36.674	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.340%			
7) Chloroethane-d5	1.666	69	84665	47.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.580%			
11) 1,1-Dichloroethene-d2	2.306	63	208908	40.670	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.340%			
21) 2-Butanone-d5	4.464	46	226379	104.729	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.730%			
24) Chloroform-d	5.062	84	243527	44.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.480%			
26) 1,2-Dichloroethane-d4	5.958	65	151987	43.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.380%			
32) Benzene-d6	5.976	84	458032	43.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.020%			
36) 1,2-Dichloropropane-d6	7.311	67	144693	46.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.860%			
41) Toluene-d8	8.653	98	411377	41.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.900%			
43) trans-1,3-Dichloroprop...	8.951	79	62561	41.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.300%			
47) 2-Hexanone-d5	9.390	63	178721	107.175	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.180%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	228681	50.585	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.160%			
66) 1,2-Dichlorobenzene-d4	12.323	152	162576	44.331	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	165717	46.905	ug/L	99
3) Chloromethane	1.288	50	155713	46.994	ug/L	98
5) Vinyl chloride	1.373	62	156204	48.702	ug/L	99
6) Bromomethane	1.611	94	64381	42.781	ug/L	99
8) Chloroethane	1.684	64	91631	55.717	ug/L	97
9) Trichlorofluoromethane	1.885	101	212316	46.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	128465	47.575	ug/L	97
12) 1,1-Dichloroethene	2.318	96	121821	48.793	ug/L #	78
13) Acetone	2.385	43	137346	95.334	ug/L	96
14) Carbon disulfide	2.513	76	318456	46.512	ug/L	99
15) Methyl Acetate	2.708	43	149855	52.435	ug/L	93
16) Methylene chloride	2.788	84	138146	49.930	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	130845	48.935	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	427332	47.713	ug/L	97
19) 1,1-Dichloroethane	3.611	63	235130	49.784	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	148187	49.034	ug/L	94
22) 2-Butanone	4.568	43	225251	103.862	ug/L	96
23) Bromochloromethane	4.903	128	75627	50.561	ug/L	95
25) Chloroform	5.098	83	259124	49.614	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	197017	49.372	ug/L	98
29) Cyclohexane	5.476	56	218672	48.615	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	221376	47.366	ug/L	98
31) Carbon tetrachloride	5.677	117	182342	48.604	ug/L	98
33) Benzene	6.043	78	560983	50.906	ug/L	100
34) Trichloroethene	7.128	95	178754	46.025	ug/L	97
35) Methylcyclohexane	7.385	83	234015	47.728	ug/L	97
37) 1,2-Dichloropropane	7.433	63	135659	50.495	ug/L	100
38) Bromodichloromethane	7.823	83	187524	49.038	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	199758	46.521	ug/L	96
40) 4-Methyl-2-pentanone	8.579	43	425812	106.032	ug/L	94
42) Toluene	8.720	91	601268	50.070	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	186929	46.411	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	142589	50.248	ug/L	99
46) Tetrachloroethene	9.274	164	104599	46.918	ug/L	93
48) 2-Hexanone	9.433	43	332893	107.013	ug/L	93
49) Dibromochloromethane	9.524	129	142538	48.177	ug/L	97
50) 1,2-Dibromoethane	9.610	107	153616	50.726	ug/L	100
51) Chlorobenzene	10.079	112	383932	50.365	ug/L	97
52) Ethylbenzene	10.195	91	661506	50.335	ug/L	100
53) m,p-Xylene	10.305	106	258593	50.127	ug/L	96
54) o-Xylene	10.646	106	256237	50.361	ug/L	100
55) Styrene	10.658	104	439194	51.344	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	230247	52.357	ug/L	100
59) Bromoform	10.805	173	93370	47.539	ug/L	99
60) Isopropylbenzene	10.963	105	674591	48.963	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	187091	50.711	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	577734	49.099	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	570604	48.840	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	283341	49.644	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	280562	48.695	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	283451	49.239	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.944	75	51058	50.318	ug/L	89
69) 1,3,5-Trichlorobenzene	13.115	180	189371	48.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	171666	48.803	ug/L	98
71) Naphthalene	13.780	128	668823	51.628	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	174127	49.003	ug/L	98

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

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