Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
Data File : VU050420.D
Acq On : 24 Aug 2022 11:22
Operator : SY/MD
Sample : VSTD01008
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010008

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2022
Supervised By :Semsettin Yesilyurt 08/27/2022

Quant Time: Aug 25 04:24:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 25 04:23:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309803	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314782	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	132870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38745	13.720	ug/L	0.00
7) Chloroethane-d5	1.909	69	30656	14.604	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	52422	11.045	ug/L	0.00
21) 2-Butanone-d5	4.633	46	44758	19.652	ug/L	0.00
24) Chloroform-d	5.063	84	59645	12.224	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	37882	11.668	ug/L	0.00
32) Benzene-d6	5.726	84	112975	11.201	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	37432	11.161	ug/L	0.00
41) Toluene-d8	7.899	98	95846	10.835	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	14756	10.458	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	22224	15.240	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	57612	11.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	31721	11.987	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	26299	7.574	ug/L	100
3) Chloromethane	1.520	50	31352	8.157	ug/L	99
5) Vinyl chloride	1.604	62	30020	8.527	ug/L	97
6) Bromomethane	1.851	94	10771	6.796	ug/L	98
8) Chloroethane	1.928	64	19074	9.540	ug/L	98
9) Trichlorofluoromethane	2.134	101	37712	8.645	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	22834	9.786	ug/L	96
12) 1,1-Dichloroethene	2.578	96	20040	9.276	ug/L	96
13) Acetone	2.633	43	31359	15.749	ug/L	96
14) Carbon disulfide	2.790	76	52264	7.461	ug/L	99
15) Methyl Acetate	2.954	43	29496	8.848	ug/L	97
16) Methylene chloride	3.044	84	27810	10.076	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	20280	8.600	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	59819	7.530	ug/L	100
19) 1,1-Dichloroethane	3.867	63	45863	9.355	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	23696	8.831	ug/L	98
22) 2-Butanone	4.710	43	40518	14.951	ug/L	95
23) Bromochloromethane	4.977	128	13790	10.205	ug/L	95
25) Chloroform	5.089	83	48618	9.775	ug/L	97
27) 1,2-Dichloroethane	5.797	62	35769	8.605	ug/L	98
29) Cyclohexane	5.388	56	26696	5.887	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	37940	8.664	ug/L	99
31) Carbon tetrachloride	5.523	117	30588	8.538	ug/L	99
33) Benzene	5.774	78	96140	8.360	ug/L	100
34) Trichloroethene	6.542	95	23803	8.623	ug/L	96
35) Methylcyclohexane	6.761	83	28863	6.826	ug/L	97
37) 1,2-Dichloropropane	6.790	63	28516	8.956	ug/L	98
38) Bromodichloromethane	7.105	83	35795	8.994	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	32093	7.523	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	66548	13.238	ug/L	95
42) Toluene	7.970	91	93012	8.107	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	30665	7.600	ug/L	97

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45)	1,1,2-Trichloroethane	8.401	97	27695	9.696	ug/L	99
46)	Tetrachloroethene	8.552	164	17084	8.864	ug/L	96
48)	2-Hexanone	8.687	43	56575m	13.888	ug/L	
49)	Dibromochloromethane	8.809	129	28815	10.020	ug/L	92
50)	1,2-Dibromoethane	8.922	107	27089	9.532	ug/L	95
51)	Chlorobenzene	9.446	112	63163	9.025	ug/L	99
52)	Ethylbenzene	9.571	91	86922	7.284	ug/L	99
53)	m,p-Xylene	9.693	106	32029	7.303	ug/L	91
54)	o-Xylene	10.099	106	30958	7.037	ug/L	97
55)	Styrene	10.115	104	50083	6.836	ug/L	99
57)	1,1,2,2-Tetrachloroethane	10.780	83	49962	9.790	ug/L	100
59)	Bromoform	10.291	173	20624	11.382	ug/L	98
60)	1,2,3-Trichloropropane	10.822	75	37360	10.590	ug/L	99
61)	Isopropylbenzene	10.484	105	78006	8.061	ug/L	100
62)	1,3,5-Trimethylbenzene	11.089	105	57900	7.174	ug/L	100
63)	1,2,4-Trimethylbenzene	11.468	105	55454	6.931	ug/L	98
64)	1,3-Dichlorobenzene	11.745	146	41538	9.676	ug/L	99
65)	1,4-Dichlorobenzene	11.835	146	41161	9.544	ug/L	96
67)	1,2-Dichlorobenzene	12.211	146	43311	9.668	ug/L	99
68)	1,2-Dibromo-3-chloropr...	12.996	75	9659	9.547	ug/L	90
69)	1,3,5-Trichlorobenzene	13.221	180	27687	9.300	ug/L	97
70)	1,2,4-trichlorobenzene	13.841	180	19387	7.217	ug/L	94
71)	Naphthalene	14.086	128	53455	5.638	ug/L	99
72)	1,2,3-Trichlorobenzene	14.330	180	21864	7.769	ug/L	97

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

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