Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
Data File : VX030384.D
Acq On : 04 Aug 2022 10:44
Operator : JC/MD
Sample : VSTD00501
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005601

Manual Integrations APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 04:56:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 04:51:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	325397	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	288342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138641	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11524	5.515	ug/L	0.00
7) Chloroethane-d5	1.666	69	8249	5.600	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	21112	5.341	ug/L	0.00
21) 2-Butanone-d5	4.458	46	19657	10.153	ug/L	-0.01
24) Chloroform-d	5.056	84	23170	5.386	ug/L	-0.01
26) 1,2-Dichloroethane-d4	5.958	65	15692	5.373	ug/L	0.00
32) Benzene-d6	5.970	84	43330	5.246	ug/L	-0.01
36) 1,2-Dichloropropane-d6	7.306	67	13812	5.154	ug/L	0.00
41) Toluene-d8	8.647	98	40299	5.176	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6491	4.869	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13613	9.966	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	18520	5.261	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	13920	5.176	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	12661	5.171	ug/L	96
3) Chloromethane	1.294	50	10812	5.136	ug/L	98
5) Vinyl chloride	1.374	62	11526	5.125	ug/L	97
6) Bromomethane	1.611	94	5919	5.601	ug/L	85
8) Chloroethane	1.691	64	6740	5.262	ug/L	92
9) Trichlorofluoromethane	1.886	101	17174	5.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	10340	5.230	ug/L	99
12) 1,1-Dichloroethene	2.319	96	8866	4.868	ug/L	88
13) Acetone	2.386	43	15701	11.061	ug/L	99
14) Carbon disulfide	2.514	76	29398	4.980	ug/L	99
15) Methyl Acetate	2.709	43	14494	4.935	ug/L	93
16) Methylene chloride	2.788	84	12678	5.490	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	10046	4.761	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	35967	5.012	ug/L	98
19) 1,1-Dichloroethane	3.611	63	20491	5.021	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	12148	5.118	ug/L	95
22) 2-Butanone	4.568	43	22693	10.138	ug/L	100
23) Bromochloromethane	4.904	128	6139	5.158	ug/L	93
25) Chloroform	5.099	83	21809	5.086	ug/L	89
27) 1,2-Dichloroethane	6.086	62	18070	5.063	ug/L	97
29) Cyclohexane	5.470	56	18400	4.800	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	18744	4.928	ug/L	98
31) Carbon tetrachloride	5.684	117	15030m	4.788	ug/L	
33) Benzene	6.037	78	46393	5.018	ug/L	100
34) Trichloroethene	7.123	95	12978	4.847	ug/L	89
35) Methylcyclohexane	7.385	83	19347	4.963	ug/L	99
37) 1,2-Dichloropropane	7.434	63	11827	4.811	ug/L #	97
38) Bromodichloromethane	7.824	83	16033	4.928	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	17032	4.644	ug/L	92
40) 4-Methyl-2-pentanone	8.574	43	42425	9.911	ug/L	96
42) Toluene	8.720	91	47794	4.894	ug/L	95
44) trans-1,3-Dichloropropene	8.976	75	16450	4.584	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	10834	4.740	ug/L	91
46) Tetrachloroethene	9.275	164	8551	5.053	ug/L	95
48) 2-Hexanone	9.433	43	30728	9.239	ug/L	97
49) Dibromochloromethane	9.519	129	11496	4.728	ug/L	86
50) 1,2-Dibromoethane	9.610	107	12123	4.823	ug/L	91
51) Chlorobenzene	10.079	112	30110	4.949	ug/L	98
52) Ethylbenzene	10.195	91	51202	4.808	ug/L	96
53) m,p-Xylene	10.299	106	19135	4.821	ug/L	97
54) o-Xylene	10.640	106	18847	4.765	ug/L	94
55) Styrene	10.659	104	30119	4.523	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	16292	4.685	ug/L	97
59) Bromoform	10.799	173	7163	4.744	ug/L	97
60) Isopropylbenzene	10.963	105	49073	4.994	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	14866	4.993	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	40316	4.805	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	40084	4.731	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	21318	4.990	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	21599	4.974	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	21406	4.845	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.951	75	4192	4.268	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	14140	4.720	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	12222	4.645	ug/L	96
71) Naphthalene	13.780	128	48306	4.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12808	4.608	ug/L	95

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

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