

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027206.D
 Acq On : 04 Aug 2022 11:44
 Operator : SY/MD
 Sample : VSTD01053
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010253

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 02:02:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	333591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	331902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	155652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23486	10.326	ug/L	0.00
7) Chloroethane-d5	1.561	69	18058	10.861	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	42133	10.128	ug/L	0.00
21) 2-Butanone-d5	3.892	46	34445	16.974	ug/L	0.02
24) Chloroform-d	4.349	84	48363	10.381	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	30393	10.508	ug/L	0.00
32) Benzene-d6	5.050	84	79922	10.041	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	28163	9.947	ug/L	0.00
41) Toluene-d8	7.317	98	64379	9.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	11956	9.688	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	21539	15.795	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46313	10.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	27184	10.113	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32105	10.819	ug/L	98
3) Chloromethane	1.236	50	37094	10.942	ug/L	97
5) Vinyl chloride	1.307	62	34952	10.349	ug/L	99
6) Bromomethane	1.516	94	17063	10.717	ug/L	98
8) Chloroethane	1.581	64	20428	10.857	ug/L	99
9) Trichlorofluoromethane	1.748	101	45159	10.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	25758	10.720	ug/L	97
12) 1,1-Dichloroethene	2.114	96	24549	10.621	ug/L	85
13) Acetone	2.169	43	33917	21.727	ug/L	87
14) Carbon disulfide	2.288	76	80353	10.214	ug/L	98
15) Methyl Acetate	2.429	43	35691m	9.898	ug/L	
16) Methylene chloride	2.503	84	32333	10.472	ug/L	87
17) trans-1,2-Dichloroethene	2.757	96	25773	10.076	ug/L	87
18) Methyl tert-butyl Ether	2.767	73	71493	9.399	ug/L #	93
19) 1,1-Dichloroethane	3.185	63	52871	10.296	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	24768	9.321	ug/L	81
22) 2-Butanone	3.973	43	38835	18.146	ug/L	94
23) Bromochloromethane	4.246	128	15049	10.142	ug/L	89
25) Chloroform	4.375	83	54536	10.509	ug/L	98
27) 1,2-Dichloroethane	5.130	62	40835	10.104	ug/L	96
29) Cyclohexane	4.674	56	33019	8.638	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	45358	10.311	ug/L	96
31) Carbon tetrachloride	4.825	117	39180	10.258	ug/L	100
33) Benzene	5.098	78	108130	10.138	ug/L	100
34) Trichloroethene	5.915	95	28163	10.312	ug/L	92
35) Methylcyclohexane	6.127	83	36039	8.974	ug/L #	85
37) 1,2-Dichloropropane	6.172	63	31378	10.501	ug/L	98
38) Bromodichloromethane	6.510	83	40164	10.259	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	33524	8.470	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	77114	18.090	ug/L #	89
42) Toluene	7.387	91	102985	9.497	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	35829	9.212	ug/L	96

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45) 1,1,2-Trichloroethane	7.838	97	30057	10.437	ug/L	97
46) Tetrachloroethene	7.973	164	19624	9.818	ug/L	97
48) 2-Hexanone	8.143	43	64250	18.925	ug/L #	83
49) Dibromochloromethane	8.246	129	29378	9.650	ug/L	100
50) 1,2-Dibromoethane	8.352	107	29586	9.984	ug/L	97
51) Chlorobenzene	8.882	112	73092	10.049	ug/L	97
52) Ethylbenzene	9.011	91	100192	8.954	ug/L	97
53) m,p-Xylene	9.140	106	36563	8.646	ug/L	100
54) o-Xylene	9.542	106	35295	8.567	ug/L	95
55) Styrene	9.561	104	60435	8.327	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	49579	10.276	ug/L	96
59) Bromoform	9.731	173	18634	10.076	ug/L	99
60) Isopropylbenzene	9.931	105	90292	9.205	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	38668	10.821	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	69504	8.580	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	67341	8.486	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	47723	10.038	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	51665	10.326	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	50082	10.054	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	10425	10.399	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	30744	9.628	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	23373	8.813	ug/L	98
71) Naphthalene	13.503	128	68487	7.542	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	25782	8.771	ug/L	98

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

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