

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027957.D
 Acq On : 20 Sep 2022 12:29
 Operator : SY/MD
 Sample : VSTD00558
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005258

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 21 01:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	348591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	353324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	191394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	14940	5.965	ug/L	0.00
7) Chloroethane-d5	1.561	69	12877	6.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	26569	5.828	ug/L	0.00
21) 2-Butanone-d5	3.905	46	16112m	7.898	ug/L	0.04
24) Chloroform-d	4.342	84	25782	5.237	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	16370	5.313	ug/L	0.00
32) Benzene-d6	5.047	84	46921	5.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	14040	4.589	ug/L	0.00
41) Toluene-d8	7.313	98	41328	5.460	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	6677	4.898	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	11876	8.104	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	21404	4.381	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	18139	5.367	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	15800	5.292	ug/L	99
3) Chloromethane	1.236	50	17705	5.186	ug/L	95
5) Vinyl chloride	1.307	62	17688	5.156	ug/L	100
6) Bromomethane	1.516	94	11640	6.781	ug/L	96
8) Chloroethane	1.580	64	11210	5.808	ug/L	97
9) Trichlorofluoromethane	1.748	101	26078	5.754	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	14417	5.770	ug/L	97
12) 1,1-Dichloroethene	2.111	96	14275	5.896	ug/L	87
13) Acetone	2.172	43	22622	14.221	ug/L	98
14) Carbon disulfide	2.288	76	37684	4.786	ug/L	99
15) Methyl Acetate	2.433	43	15122	4.300	ug/L #	73
16) Methylene chloride	2.500	84	19125	6.128	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	13444	5.167	ug/L	86
18) Methyl tert-butyl Ether	2.760	73	40973	5.257	ug/L #	87
19) 1,1-Dichloroethane	3.182	63	28037	5.415	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	14494	5.325	ug/L	98
22) 2-Butanone	3.986	43	20266m	9.579	ug/L	
23) Bromochloromethane	4.246	128	8171	5.370	ug/L	81
25) Chloroform	4.368	83	28473	5.372	ug/L	99
27) 1,2-Dichloroethane	5.127	62	21392	5.159	ug/L	98
29) Cyclohexane	4.667	56	19336	4.778	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	23301	5.035	ug/L	96
31) Carbon tetrachloride	4.818	117	21481	5.324	ug/L	96
33) Benzene	5.092	78	56221	5.043	ug/L	100
34) Trichloroethene	5.911	95	13741	4.852	ug/L	97
35) Methylcyclohexane	6.124	83	21769	5.171	ug/L	97
37) 1,2-Dichloropropane	6.169	63	13878	4.488	ug/L	99
38) Bromodichloromethane	6.506	83	21159	5.173	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	20761	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	34434	7.939	ug/L	96
42) Toluene	7.384	91	56788	5.049	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	19940	4.844	ug/L	99

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

45) 1,1,2-Trichloroethane	7.837	97	15393	5.139	ug/L	98
46) Tetrachloroethene	7.972	164	11932	5.643	ug/L	96
48) 2-Hexanone	8.143	43	29721m	8.528	ug/L	
49) Dibromochloromethane	8.243	129	16573	5.211	ug/L	95
50) 1,2-Dibromoethane	8.352	107	15134	4.940	ug/L #	100
51) Chlorobenzene	8.879	112	40761	5.353	ug/L	99
52) Ethylbenzene	9.008	91	59819	5.071	ug/L	99
53) m,p-Xylene	9.136	106	22362	5.010	ug/L	98
54) o-Xylene	9.542	106	21059	4.839	ug/L	99
55) Styrene	9.561	104	36523	4.799	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.236	83	24654	4.887	ug/L	96
59) Bromoform	9.728	173	12023	5.320	ug/L	91
60) Isopropylbenzene	9.927	105	57239	4.828	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	20267	4.759	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	47228	4.806	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	45487	4.703	ug/L	95
64) 1,3-Dichlorobenzene	11.178	146	31389	5.420	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	32321	5.322	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	32586	5.427	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5933	4.918	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	23724	5.909	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	21026	6.182	ug/L	99
71) Naphthalene	13.500	128	59581	5.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	21673	5.904	ug/L	98

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

