

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052461.D
 Acq On : 20 Dec 2022 16:18
 Operator : JC/MD
 Sample : VSTD00175
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001075

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 03:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	159520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15497	0.959	ug/L	0.00
7) Chloroethane-d5	1.913	69	13850	0.994	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	6643	0.955	ug/L	0.00
20) 2-Butanone-d5	4.665	46	46294m	9.260	ug/L	0.01
24) Chloroform-d	5.060	84	26937	0.988	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	15438	0.976	ug/L	0.00
32) Benzene-d6	5.729	84	51161	0.903	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	18351	0.941	ug/L	0.00
41) Toluene-d8	7.896	98	40943	0.861	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	5557	0.832	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	27091	7.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	15578	0.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	14482	0.958	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13276	0.935	ug/L	100
3) Chloromethane	1.520	50	20715	1.011	ug/L	97
5) Vinyl chloride	1.604	62	17703	0.953	ug/L #	73
6) Bromomethane	1.858	94	10628	1.004	ug/L	98
8) Chloroethane	1.935	64	11750	0.924	ug/L	91
9) Trichlorofluoromethane	2.141	101	19336	0.921	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	11825	0.947	ug/L	97
12) 1,1-Dichloroethene	2.581	96	11506	0.963	ug/L	94
13) Acetone	2.694	43	34050m	9.158	ug/L	
14) Carbon disulfide	2.794	76	36824	0.957	ug/L	98
15) Methyl Acetate	2.967	43	9144m	1.135	ug/L	
16) Methylene chloride	3.044	84	18217	1.079	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	29510	0.925	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	11173	0.907	ug/L	98
19) 1,1-Dichloroethane	3.867	63	25945	0.969	ug/L	97
21) 2-Butanone	4.745	43	47931m	8.910	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	12801	0.947	ug/L	97
23) Bromochloromethane	4.970	128	6142	0.981	ug/L	94
25) Chloroform	5.086	83	25756	0.993	ug/L	96
27) 1,2-Dichloroethane	5.793	62	18046	1.007	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	19011	0.914	ug/L	100
30) Cyclohexane	5.385	56	17284	0.769	ug/L	99
31) Carbon tetrachloride	5.523	117	16551	0.906	ug/L	100
33) Benzene	5.774	78	53454	0.898	ug/L	100
34) Trichloroethene	6.539	95	12445	0.894	ug/L	94
35) Methylcyclohexane	6.758	83	15225	0.726	ug/L	97
37) 1,2-Dichloropropane	6.790	63	14997	0.903	ug/L #	94
38) Bromodichloromethane	7.102	83	19203	0.950	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	16556	0.787	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	95283	7.850	ug/L	98
42) Toluene	7.967	91	47525	0.833	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	15582	0.841	ug/L	99

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

45) 1,1,2-Trichloroethane	8.398	97	11209	0.953	ug/L	93
47) Tetrachloroethene	8.549	164	8540	0.879	ug/L	96
48) 2-Hexanone	8.687	43	73166m	8.077	ug/L	
49) Dibromochloromethane	8.806	129	11741	0.943	ug/L	95
50) 1,2-Dibromoethane	8.919	107	9916	0.927	ug/L #	91
51) Chlorobenzene	9.443	112	33261	0.913	ug/L	97
52) Ethylbenzene	9.565	91	48059	0.814	ug/L	100
53) m,p-Xylene	9.690	106	16800	0.771	ug/L	93
54) o-Xylene	10.099	106	15856	0.759	ug/L	98
55) Styrene	10.112	104	28153	0.775	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	14856	0.914	ug/L	98
59) Bromoform	10.288	173	6251	0.959	ug/L	95
60) Isopropylbenzene	10.481	105	39745	0.826	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	10925	1.026	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	31520	0.794	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	30237	0.757	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	22746	0.953	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	23423	0.949	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	22619	0.959	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.993	75	2241	0.930	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	16083	0.915	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	13137	0.888	ug/L	99
71) Naphthalene	14.083	128	23625	0.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	13126	0.886	ug/L	96

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

