

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056072.D
 Acq On : 02 Nov 2023 17:43
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005132

Quant Time: Nov 03 00:41:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	335838	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	324689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	164565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	100887	3.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.914	69	81853	3.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.567	65	43837	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	232933	49.148	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.300%
24) Chloroform-d	5.059	84	213708	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	97909	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.724	84	423305	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.686	67	129616	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	381635	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	48050	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	191730	67.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.700%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98511	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	137008	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	80614	4.212	ug/L	98
3) Chloromethane	1.519	50	72419	3.963	ug/L	98
5) Vinyl chloride	1.605	62	82940	4.120	ug/L	100
6) Bromomethane	1.859	94	52489	4.209	ug/L	99
8) Chloroethane	1.933	64	52722	4.470	ug/L	97
9) Trichlorofluoromethane	2.136	101	130242	4.691	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	89844	4.926	ug/L	98
12) 1,1-Dichloroethene	2.580	96	76931	4.726	ug/L	83
13) Acetone	2.644	43	121956	45.156	ug/L	96
14) Carbon disulfide	2.792	76	170213	4.084	ug/L	99
15) Methyl Acetate	2.956	43	26966	4.901	ug/L	96
16) Methylene chloride	3.043	84	91166	4.943	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	195602	4.952	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	77573	4.807	ug/L	97
19) 1,1-Dichloroethane	3.866	63	164576	5.022	ug/L	93
21) 2-Butanone	4.715	43	191189	48.156	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	94704	4.847	ug/L	92
23) Bromochloromethane	4.972	128	40448	5.081	ug/L	92
25) Chloroform	5.084	83	179845	5.118	ug/L	99

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27) 1,2-Dichloroethane	5.792	62	98918	4.792	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	148895	5.031	ug/L	98
30) Cyclohexane	5.387	56	114751	4.596	ug/L	99
31) Carbon tetrachloride	5.525	117	127061	5.034	ug/L	98
33) Benzene	5.772	78	366219	5.111	ug/L	100
34) Trichloroethene	6.541	95	96921	4.836	ug/L	98
35) Methylcyclohexane	6.759	83	124213	4.592	ug/L	98
37) 1,2-Dichloropropane	6.788	63	97386	5.119	ug/L	100
38) Bromodichloromethane	7.100	83	124208	5.200	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	137571	5.076	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	454710	49.580	ug/L	97
42) Toluene	7.965	91	384794	5.139	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	112408	5.138	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	71110	5.316	ug/L	97
47) Tetrachloroethene	8.550	164	70835	5.046	ug/L	97
48) 2-Hexanone	8.682	43	347470	48.185	ug/L	98
49) Dibromochloromethane	8.808	129	80134	5.457	ug/L	98
50) 1,2-Dibromoethane	8.920	107	61859	5.096	ug/L	95
51) Chlorobenzene	9.444	112	252778	5.151	ug/L	97
52) Ethylbenzene	9.566	91	421619	4.967	ug/L	99
53) m,p-Xylene	9.692	106	158713	5.003	ug/L	94
54) o-Xylene	10.097	106	156213	5.032	ug/L	99
55) Styrene	10.113	104	264704	5.320	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	83824	5.413	ug/L	97
59) Bromoform	10.287	173	45664	5.455	ug/L	97
60) Isopropylbenzene	10.480	105	428246	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57953	5.129	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	335029	4.999	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	332124	5.335	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	202175	5.201	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	200126	5.158	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	186128	5.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11725	5.816	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	146495	5.515	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	111109	5.659	ug/L	98
71) Naphthalene	14.084	128	152856	5.376	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	92045	5.437	ug/L	96

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

