

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056775.D
 Acq On : 12 Dec 2023 09:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Dec 12 11:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106291	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.904	69	63014	3.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.560	65	46936	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.621	46	227388	49.879	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.760%
24) Chloroform-d	5.055	84	209005	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	98315	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	401650	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	124234	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	359452	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	48553	4.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.640	63	199600	51.912	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	91598	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	118429	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	134250	4.757	ug/L	98
3) Chloromethane	1.515	50	136282	4.911	ug/L	100
5) Vinyl chloride	1.602	62	133176	4.833	ug/L	98
6) Bromomethane	1.853	94	61278	3.772	ug/L	96
8) Chloroethane	1.923	64	55508	3.439	ug/L	94
9) Trichlorofluoromethane	2.126	101	185790	4.784	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	116091	4.874	ug/L	99
12) 1,1-Dichloroethene	2.570	96	105012	4.803	ug/L	96
13) Acetone	2.631	43	134407	48.379	ug/L	98
14) Carbon disulfide	2.785	76	352924	4.652	ug/L	98
15) Methyl Acetate	2.946	43	35568	4.703	ug/L	98
16) Methylene chloride	3.039	84	115602	4.853	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	236366	4.875	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	110274	4.974	ug/L	97
19) 1,1-Dichloroethane	3.859	63	205579	4.821	ug/L	99
21) 2-Butanone	4.701	43	223201	47.640	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	117806	4.885	ug/L	99
23) Bromochloromethane	4.965	128	48816	4.835	ug/L	98
25) Chloroform	5.078	83	215545	4.825	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125325	4.744	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	188256	4.810	ug/L	99
30) Cyclohexane	5.380	56	181495	4.941	ug/L	99
31) Carbon tetrachloride	5.518	117	158379	4.655	ug/L	97
33) Benzene	5.766	78	467347	4.911	ug/L	100
34) Trichloroethene	6.537	95	122916	4.709	ug/L	100
35) Methylcyclohexane	6.756	83	186420	4.839	ug/L	99
37) 1,2-Dichloropropane	6.785	63	116838	4.800	ug/L	100
38) Bromodichloromethane	7.100	83	145310	4.681	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	170823	4.815	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	575778	49.811	ug/L	99
42) Toluene	7.965	91	496432	5.042	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	140302	4.825	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	79022	4.802	ug/L	99
47) Tetrachloroethene	8.547	164	88765	4.859	ug/L	99
48) 2-Hexanone	8.692	43	416715	50.617	ug/L	98
49) Dibromochloromethane	8.804	129	90516	4.785	ug/L	98
50) 1,2-Dibromoethane	8.920	107	73491	4.812	ug/L	97
51) Chlorobenzene	9.444	112	309985	4.939	ug/L	99
52) Ethylbenzene	9.566	91	541346	4.984	ug/L	100
53) m,p-Xylene	9.692	106	208067	5.142	ug/L	97
54) o-Xylene	10.097	106	196601	5.099	ug/L	96
55) Styrene	10.113	104	324996	5.134	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	97980	4.928	ug/L	99
59) Bromoform	10.290	173	50456	4.778	ug/L	98
60) Isopropylbenzene	10.479	105	525837	5.146	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	67364	4.851	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	434729	5.205	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	436516	5.263	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	232291	4.806	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	223188	4.689	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	203118	4.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	13265	4.784	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	171150	4.686	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	136761	4.728	ug/L	98
71) Naphthalene	14.084	128	195732	4.624	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	113410	4.619	ug/L	99

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

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