

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055451.D
 Acq On : 21 Sep 2023 17:24
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Sep 22 02:36:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	289297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101788	3.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.911	69	101958	4.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	46243	3.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.628	46	266218	51.396	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	5.059	84	251064	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	127217	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.724	84	472099	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.685	67	145737	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.894	98	429490	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	54242	5.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.631	63	163713	50.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115783	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	156799	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118392	4.286	ug/L	99
3) Chloromethane	1.515	50	108972	4.484	ug/L	98
5) Vinyl chloride	1.602	62	119718	4.566	ug/L	98
6) Bromomethane	1.856	94	81711	4.907	ug/L	100
8) Chloroethane	1.930	64	80109	4.683	ug/L	98
9) Trichlorofluoromethane	2.133	101	169618	4.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	103761	4.690	ug/L	98
12) 1,1-Dichloroethene	2.576	96	94842	4.781	ug/L	91
13) Acetone	2.641	43	132264	44.795	ug/L	100
14) Carbon disulfide	2.789	76	284006	4.762	ug/L	98
15) Methyl Acetate	2.953	43	33766	5.016	ug/L	96
16) Methylene chloride	3.039	84	105512	4.439	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	211936	4.925	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	97705	4.886	ug/L	97
19) 1,1-Dichloroethane	3.866	63	185198	5.008	ug/L	96
21) 2-Butanone	4.708	43	207892	48.006	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	109285	4.714	ug/L	97
23) Bromochloromethane	4.975	128	48122	4.911	ug/L	99
25) Chloroform	5.084	83	198873	5.079	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	122101	5.085	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	169709	5.146	ug/L	97
30) Cyclohexane	5.383	56	144459	4.785	ug/L	97
31) Carbon tetrachloride	5.522	117	147310	5.211	ug/L	96
33) Benzene	5.772	78	422234	5.071	ug/L	100
34) Trichloroethene	6.538	95	117836	5.003	ug/L	96
35) Methylcyclohexane	6.759	83	162498	4.789	ug/L	99
37) 1,2-Dichloropropane	6.788	63	106917	4.910	ug/L	100
38) Bromodichloromethane	7.103	83	131903	5.169	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	152991	5.264	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	500518	50.670	ug/L	99
42) Toluene	7.968	91	460022	5.180	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	122642	5.274	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	78157	5.119	ug/L	99
47) Tetrachloroethene	8.550	164	86126	5.098	ug/L	97
48) 2-Hexanone	8.682	43	407199	53.189	ug/L	99
49) Dibromochloromethane	8.808	129	84245	5.264	ug/L	94
50) 1,2-Dibromoethane	8.920	107	72779	5.136	ug/L	98
51) Chlorobenzene	9.444	112	285226	5.014	ug/L	100
52) Ethylbenzene	9.566	91	478678	5.027	ug/L	97
53) m,p-Xylene	9.692	106	186711	5.233	ug/L	99
54) o-Xylene	10.097	106	177882	5.128	ug/L	99
55) Styrene	10.113	104	299364	5.337	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.779	83	85691	4.971	ug/L	99
59) Bromoform	10.287	173	44913	5.207	ug/L	99
60) Isopropylbenzene	10.483	105	474440	5.115	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	63030	5.017	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	374440	5.048	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	365379	5.032	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	221037	4.978	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	218071	4.913	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	208265	5.115	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12216	5.610	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	146104	4.778	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	113468	4.867	ug/L	98
71) Naphthalene	14.087	128	164382	4.870	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	99239	4.892	ug/L	99

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

