

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058283.D
 Acq On : 29 Mar 2024 20:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Mar 29 23:45:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 23:40:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70543	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30707	5.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.000%		
7) Chloroethane-d5	1.907	69	27897	5.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 114.600%		
11) 1,1-Dichloroethene-d2	2.560	65	12768	5.159	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.200%		
20) 2-Butanone-d5	4.631	46	58597	55.329	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.660%		
24) Chloroform-d	5.052	84	55916	5.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
26) 1,2-Dichloroethane-d4	5.695	65	26992	5.417	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.400%		
32) Benzene-d6	5.718	84	113850	5.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
36) 1,2-Dichloropropane-d6	6.682	67	33981	5.262	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.200%		
41) Toluene-d8	7.891	98	100946	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.000%		
43) trans-1,3-Dichloroprop...	8.171	79	10195	4.927	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.600%		
46) 2-Hexanone-d5	8.627	63	44950	53.642	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 107.280%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22856	5.433	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	32114	5.220	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	11835	4.073	ug/L	97
3) Chloromethane	1.515	50	14421	3.894	ug/L	96
5) Vinyl chloride	1.599	62	17044	4.214	ug/L	99
6) Bromomethane	1.853	94	8338	3.844	ug/L	98
8) Chloroethane	1.930	64	12628	4.735	ug/L	100
9) Trichlorofluoromethane	2.132	101	30409	4.627	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	19253	4.564	ug/L	99
12) 1,1-Dichloroethene	2.573	96	15784	4.463	ug/L	92
13) Acetone	2.644	43	31627	46.143	ug/L	97
14) Carbon disulfide	2.788	76	29232	3.699	ug/L	98
15) Methyl Acetate	2.956	43	7598	5.340	ug/L	97
16) Methylene chloride	3.036	84	20698	4.130	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	45248	4.767	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16184	4.379	ug/L	99
19) 1,1-Dichloroethane	3.856	63	40611	4.890	ug/L	98
21) 2-Butanone	4.708	43	48357	46.438	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	21219	4.646	ug/L	98
23) Bromochloromethane	4.965	128	8893	5.218	ug/L	95
25) Chloroform	5.078	83	43124	4.952	ug/L	95

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27) 1,2-Dichloroethane	5.785	62	23971	4.848	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	32263	4.625	ug/L	97
30) Cyclohexane	5.380	56	24328	3.993	ug/L	99
31) Carbon tetrachloride	5.515	117	27419	4.618	ug/L	97
33) Benzene	5.766	78	82409	4.651	ug/L	100
34) Trichloroethene	6.534	95	20810	4.508	ug/L	97
35) Methylcyclohexane	6.756	83	25802	4.008	ug/L	99
37) 1,2-Dichloropropane	6.782	63	24401	4.930	ug/L	99
38) Bromodichloromethane	7.097	83	28426	5.010	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	29270	4.663	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	123296	49.264	ug/L	98
42) Toluene	7.962	91	87726	4.686	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	23967	4.852	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15530	4.981	ug/L	98
47) Tetrachloroethene	8.547	164	14431	4.667	ug/L	98
48) 2-Hexanone	8.679	43	86646	47.539	ug/L	97
49) Dibromochloromethane	8.801	129	17382	5.095	ug/L	97
50) 1,2-Dibromoethane	8.917	107	13279	4.948	ug/L	95
51) Chlorobenzene	9.441	112	56995	4.725	ug/L	98
52) Ethylbenzene	9.563	91	96186	4.601	ug/L	98
53) m,p-Xylene	9.688	106	34891	4.684	ug/L	96
54) o-Xylene	10.094	106	34949	4.648	ug/L	96
55) Styrene	10.110	104	57956	4.882	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19511	5.309	ug/L	98
59) Bromoform	10.283	173	8595	4.953	ug/L	96
60) Isopropylbenzene	10.476	105	89937	4.531	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13371	4.833	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	74931	4.498	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	74752	4.518	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	44193	4.781	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	43237	4.839	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41450	4.849	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	2569	6.157	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	30643	4.741	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	22817	4.733	ug/L	96
71) Naphthalene	14.081	128	28082	4.277	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	19926	5.048	ug/L	99

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

