

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056427.D
 Acq On : 17 Nov 2023 05:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005161

Quant Time: Nov 17 06:17:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 04:03:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	233656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71537	4.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	63852	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.563	65	32081	4.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.621	46	210359	59.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.280%
24) Chloroform-d	5.055	84	183313	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.695	65	85852	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.721	84	317489	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.685	67	105861	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	271858	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	38996	4.846	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	187860	59.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84374	5.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	97329	4.732	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	86226	4.563	ug/L	99
3) Chloromethane	1.515	50	100283	5.194	ug/L	95
5) Vinyl chloride	1.602	62	95354	5.125	ug/L	98
6) Bromomethane	1.853	94	56870	6.039	ug/L	100
8) Chloroethane	1.930	64	63137	5.556	ug/L	99
9) Trichlorofluoromethane	2.136	101	130564	4.870	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	72097	4.530	ug/L	99
12) 1,1-Dichloroethene	2.576	96	77204	5.289	ug/L	86
13) Acetone	2.634	43	125712	41.499	ug/L	99
14) Carbon disulfide	2.788	76	214851	4.523	ug/L	99
15) Methyl Acetate	2.946	43	32514	6.031	ug/L	100
16) Methylene chloride	3.039	84	108344	5.608	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	215855	6.086	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	79856	5.317	ug/L	96
19) 1,1-Dichloroethane	3.862	63	177657	5.971	ug/L	96
21) 2-Butanone	4.702	43	200179	50.925	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	99783	5.858	ug/L	98
23) Bromochloromethane	4.968	128	42903	6.119	ug/L	95
25) Chloroform	5.081	83	192626	5.976	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	110948	6.062	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	151825	5.661	ug/L	98
30) Cyclohexane	5.383	56	96066	3.774	ug/L	98
31) Carbon tetrachloride	5.518	117	116370	5.052	ug/L	96
33) Benzene	5.769	78	364432	5.466	ug/L	100
34) Trichloroethene	6.538	95	93486	5.146	ug/L	98
35) Methylcyclohexane	6.759	83	103072	3.930	ug/L	99
37) 1,2-Dichloropropane	6.785	63	105412	6.063	ug/L	100
38) Bromodichloromethane	7.100	83	134998	6.015	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	141717	5.547	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	534425	62.009	ug/L	99
42) Toluene	7.965	91	362161	5.247	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	114984	5.646	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	72975	6.302	ug/L	95
47) Tetrachloroethene	8.547	164	57162	4.667	ug/L	97
48) 2-Hexanone	8.679	43	382578	56.980	ug/L	99
49) Dibromochloromethane	8.804	129	79777	6.059	ug/L	98
50) 1,2-Dibromoethane	8.917	107	66731	6.104	ug/L	100
51) Chlorobenzene	9.441	112	234808	5.294	ug/L	99
52) Ethylbenzene	9.566	91	372902	4.865	ug/L	99
53) m,p-Xylene	9.689	106	142523	5.058	ug/L	98
54) o-Xylene	10.097	106	143192	5.232	ug/L	100
55) Styrene	10.110	104	251661	5.528	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	88763	6.278	ug/L	99
59) Bromoform	10.283	173	45928	6.623	ug/L	98
60) Isopropylbenzene	10.479	105	357521	4.979	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	63369	6.634	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	296208	5.024	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	302251	5.194	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	179028	5.481	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	175180	5.347	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	172927	5.771	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	12724	6.236	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	128320	5.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	103679	5.177	ug/L	99
71) Naphthalene	14.084	128	162285	5.363	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	89836	5.445	ug/L	98

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

