

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031324\
 Data File : VU058071.D
 Acq On : 13 Mar 2024 09:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Mar 14 04:32:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148087	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35532	3.335	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	35774	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17065	3.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.618	46	102064	58.139	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.280%
24) Chloroform-d	5.052	84	94838	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	44321	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	174679	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.685	67	56792	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	154608	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.174	79	18487	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	82460	57.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39911	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	50013	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	42330	4.718	ug/L	98
3) Chloromethane	1.515	50	47320	4.510	ug/L	99
5) Vinyl chloride	1.599	62	52517	4.654	ug/L	100
6) Bromomethane	1.853	94	27129	4.564	ug/L	97
8) Chloroethane	1.927	64	34488	4.853	ug/L	93
9) Trichlorofluoromethane	2.132	101	78119	4.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51237	5.098	ug/L	96
12) 1,1-Dichloroethene	2.573	96	42968	4.809	ug/L	91
13) Acetone	2.624	43	68214	52.213	ug/L	95
14) Carbon disulfide	2.785	76	120992	4.379	ug/L	99
15) Methyl Acetate	2.949	43	15718	5.421	ug/L	93
16) Methylene chloride	3.036	84	49586	4.566	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	103986	4.921	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	45789	4.705	ug/L	98
19) 1,1-Dichloroethane	3.859	63	97939	5.045	ug/L	97
21) 2-Butanone	4.698	43	101868	49.484	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	52092	4.866	ug/L	93
23) Bromochloromethane	4.965	128	20613	5.185	ug/L	97
25) Chloroform	5.078	83	100091	5.050	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54986	5.011	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	81602	4.915	ug/L	99
30) Cyclohexane	5.380	56	76236	4.547	ug/L	98
31) Carbon tetrachloride	5.515	117	71336	4.945	ug/L	99
33) Benzene	5.766	78	209193	4.887	ug/L	100
34) Trichloroethene	6.534	95	55652	4.941	ug/L	97
35) Methylcyclohexane	6.756	83	81076	4.696	ug/L	98
37) 1,2-Dichloropropane	6.782	63	54894	4.974	ug/L	99
38) Bromodichloromethane	7.100	83	66826	4.990	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	73858	4.857	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	262008	51.602	ug/L	99
42) Toluene	7.962	91	217169	4.872	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	59113	4.878	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	33954	5.188	ug/L	96
47) Tetrachloroethene	8.550	164	38370	4.911	ug/L	97
48) 2-Hexanone	8.679	43	188561	50.640	ug/L	99
49) Dibromochloromethane	8.804	129	40003	5.164	ug/L	99
50) 1,2-Dibromoethane	8.917	107	30800	5.303	ug/L	98
51) Chlorobenzene	9.441	112	136061	4.867	ug/L	97
52) Ethylbenzene	9.563	91	243487	4.881	ug/L	99
53) m,p-Xylene	9.688	106	88842	4.985	ug/L	98
54) o-Xylene	10.094	106	85624	4.820	ug/L	98
55) Styrene	10.110	104	139918	5.019	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39727	5.153	ug/L	99
59) Bromoform	10.286	173	19119	5.043	ug/L	98
60) Isopropylbenzene	10.476	105	222427	4.913	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29208	5.246	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	187785	4.918	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	185775	4.930	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	102956	5.004	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	99872	4.959	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	90068	5.014	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6267	5.673	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.212	180	71430	4.826	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	52344	4.707	ug/L	99
71) Naphthalene	14.084	128	62441	4.111	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41574	4.733	ug/L	97

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

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