

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051402.D
 Acq On : 12 Oct 2022 21:49
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Quant Time: Oct 13 01:44:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	88602	5.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.909	69	65342	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.562	65	31692	5.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	4.636	46	168447	49.578	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	5.060	84	140001	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.700	65	71052	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.726	84	265216	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.690	67	87088	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.896	98	241148	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.179	79	30118	4.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.632	63	103763	48.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	71805	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	70339	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77877	4.990	ug/L	97
3) Chloromethane	1.520	50	108576	4.955	ug/L	98
5) Vinyl chloride	1.600	62	100909	4.695	ug/L	98
6) Bromomethane	1.854	94	57956	4.952	ug/L	100
8) Chloroethane	1.932	64	65855	4.804	ug/L	99
9) Trichlorofluoromethane	2.134	101	109525	4.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	75423	5.072	ug/L	100
12) 1,1-Dichloroethene	2.578	96	70625	5.062	ug/L	92
13) Acetone	2.652	43	160701	63.062	ug/L	100
14) Carbon disulfide	2.790	76	212423	4.971	ug/L	98
15) Methyl Acetate	2.960	43	36351	5.868	ug/L	93
16) Methylene chloride	3.041	84	125563	6.095	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	172829	5.408	ug/L	98
18) trans-1,2-Dichloroethene	3.349	96	74918	5.104	ug/L	99
19) 1,1-Dichloroethane	3.867	63	168606	5.567	ug/L	100
21) 2-Butanone	4.716	43	244885	60.976	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	82469	5.072	ug/L	97
23) Bromochloromethane	4.970	128	44344	5.716	ug/L	99
25) Chloroform	5.086	83	175730	5.555	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107474	5.671	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	130972	5.292	ug/L	98
30) Cyclohexane	5.388	56	89040	4.242	ug/L	98
31) Carbon tetrachloride	5.520	117	106293	5.075	ug/L	99
33) Benzene	5.771	78	363165	5.266	ug/L	100
34) Trichloroethene	6.539	95	85740	4.984	ug/L	97
35) Methylcyclohexane	6.761	83	90496	4.170	ug/L	97
37) 1,2-Dichloropropane	6.790	63	104210	5.514	ug/L	98
38) Bromodichloromethane	7.105	83	122573	5.436	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	110877	4.881	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	594112	59.914	ug/L	99
42) Toluene	7.967	91	378934	5.177	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	103331	5.260	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	75500	5.689	ug/L	98
47) Tetrachloroethene	8.552	164	60143	4.755	ug/L	96
48) 2-Hexanone	8.684	43	469120	63.538	ug/L	97
49) Dibromochloromethane	8.809	129	82883	5.562	ug/L	100
50) 1,2-Dibromoethane	8.922	107	67876	5.746	ug/L	97
51) Chlorobenzene	9.446	112	228000	5.213	ug/L	99
52) Ethylbenzene	9.568	91	319571	4.858	ug/L	99
53) m,p-Xylene	9.693	106	123777	4.852	ug/L	98
54) o-Xylene	10.098	106	120609	4.997	ug/L	100
55) Styrene	10.111	104	215925	5.197	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	95714	5.827	ug/L	97
59) Bromoform	10.288	173	45090	5.566	ug/L	99
60) Isopropylbenzene	10.481	105	305034	4.945	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	69102	5.619	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	72802	4.449	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	202577	4.378	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	155504	5.097	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	153799	5.114	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	152618	5.146	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14229	6.049	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	101038	4.804	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	72165	4.828	ug/L	96
71) Naphthalene	14.085	128	120417	4.334	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	72965	4.719	ug/L	98

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

