

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049948.D
 Acq On : 27 Jul 2022 07:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: Jul 27 07:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90843	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30679	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.912	69	27759	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.565	65	13260	4.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.639	46	141234	53.372	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.740%
24) Chloroform-d	5.063	84	76614	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.703	65	42474	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.729	84	128358	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.690	67	46839	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	111266	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.179	79	14162	3.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.635	63	70630	48.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	44012	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	41758	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	55467	5.784	ug/L	100
3) Chloromethane	1.520	50	54284	4.601	ug/L	98
5) Vinyl chloride	1.604	62	50727	5.142	ug/L	97
6) Bromomethane	1.858	94	24551	4.602	ug/L	92
8) Chloroethane	1.935	64	28396	4.995	ug/L	99
9) Trichlorofluoromethane	2.137	101	70410	5.805	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	34956	5.893	ug/L	97
12) 1,1-Dichloroethene	2.578	96	31477	5.244	ug/L	92
13) Acetone	2.652	43	84220	52.914	ug/L	98
14) Carbon disulfide	2.793	76	93069	5.012	ug/L	99
15) Methyl Acetate	2.960	43	19228	4.846	ug/L	99
16) Methylene chloride	3.044	84	44332	3.274	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	90733	4.666	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	33115	4.773	ug/L	98
19) 1,1-Dichloroethane	3.870	63	74816	4.989	ug/L	95
21) 2-Butanone	4.716	43	139927	51.836	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	38560	4.798	ug/L	97
23) Bromochloromethane	4.976	128	18441	5.137	ug/L	94
25) Chloroform	5.089	83	76018	4.778	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	52369	4.793	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	66286	5.533	ug/L	97
30) Cyclohexane	5.388	56	57049	5.881	ug/L	97
31) Carbon tetrachloride	5.526	117	54493	5.601	ug/L	97
33) Benzene	5.774	78	158630	5.122	ug/L	100
34) Trichloroethene	6.542	95	38881	5.178	ug/L	99
35) Methylcyclohexane	6.764	83	53110	5.735	ug/L	97
37) 1,2-Dichloropropane	6.790	63	43596	4.939	ug/L	100
38) Bromodichloromethane	7.105	83	56581	5.131	ug/L	100
39) cis-1,3-Dichloropropene	7.606	75	49374	4.245	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	323285	52.512	ug/L	99
42) Toluene	7.970	91	164490	5.311	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	45150	4.496	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	31478	4.998	ug/L	99
47) Tetrachloroethene	8.552	164	27606	5.341	ug/L	96
48) 2-Hexanone	8.684	43	257912	56.130	ug/L	97
49) Dibromochloromethane	8.809	129	35377	5.025	ug/L	90
50) 1,2-Dibromoethane	8.922	107	29086	5.200	ug/L	97
51) Chlorobenzene	9.446	112	97529	4.960	ug/L	98
52) Ethylbenzene	9.571	91	163324	5.128	ug/L	99
53) m,p-Xylene	9.693	106	59480	5.077	ug/L	99
54) o-Xylene	10.102	106	58237	5.031	ug/L	98
55) Styrene	10.114	104	99752	5.087	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	42989	5.283	ug/L	95
59) Bromoform	10.291	173	20821	5.410	ug/L	98
60) Isopropylbenzene	10.484	105	157741	5.393	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	30451	5.169	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	124762	5.048	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	119968	5.001	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	74317	5.139	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	72562	5.071	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	72425	5.069	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6903	5.238	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	52567	4.923	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	42760	4.770	ug/L	99
71) Naphthalene	14.085	128	78378	4.484	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	42309	4.910	ug/L	97

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

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