

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045799.D
 Acq On : 16 Nov 2021 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Nov 16 17:07:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	51622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35479	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.919	69	28355	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.575	65	15043	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.655	46	117057	57.325	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.640%
24) Chloroform-d	5.070	84	62565	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.706	65	38505	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.732	84	129018	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.697	67	41275	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.902	98	117277	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.182	79	17863	5.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.639	63	96773	61.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42337	5.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	44326	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40800	5.210	ug/L	98
3) Chloromethane	1.523	50	42311	5.099	ug/L	98
5) Vinyl chloride	1.607	62	43491	5.222	ug/L	100
6) Bromomethane	1.864	94	25066	5.074	ug/L	96
8) Chloroethane	1.941	64	26460	5.572	ug/L	97
9) Trichlorofluoromethane	2.144	101	57382	5.337	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33250	5.274	ug/L	99
12) 1,1-Dichloroethene	2.588	96	30677	5.153	ug/L	87
13) Acetone	2.694	43	66690	55.488	ug/L	61
14) Carbon disulfide	2.800	76	95982	5.098	ug/L	100
15) Methyl Acetate	2.973	43	18027	6.113	ug/L	99
16) Methylene chloride	3.054	84	36514	4.154	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	85776	5.534	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	32864	5.150	ug/L	98
19) 1,1-Dichloroethane	3.877	63	62912	5.262	ug/L	99
21) 2-Butanone	4.739	43	123024	60.836	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	35236	5.092	ug/L	98
23) Bromochloromethane	4.983	128	17432	5.780	ug/L	98
25) Chloroform	5.092	83	70402	5.428	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	44642	5.394	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	54883	5.119	ug/L	99
30) Cyclohexane	5.394	56	52949	4.979	ug/L	100
31) Carbon tetrachloride	5.530	117	46903	5.202	ug/L	99
33) Benzene	5.780	78	140210	5.091	ug/L	100
34) Trichloroethene	6.549	95	35827	5.048	ug/L	98
35) Methylcyclohexane	6.767	83	55611	5.102	ug/L	99
37) 1,2-Dichloropropane	6.796	63	37784	5.214	ug/L	100
38) Bromodichloromethane	7.111	83	46318	5.180	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	53049	5.151	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	296339	62.342	ug/L	100
42) Toluene	7.973	91	152338	5.359	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	49037	5.473	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	30110	5.597	ug/L	98
47) Tetrachloroethene	8.555	164	25895	5.212	ug/L	97
48) 2-Hexanone	8.690	43	227044	66.116	ug/L	98
49) Dibromochloromethane	8.812	129	33735	5.505	ug/L	95
50) 1,2-Dibromoethane	8.928	107	29562	5.832	ug/L	97
51) Chlorobenzene	9.449	112	95652	5.364	ug/L	99
52) Ethylbenzene	9.574	91	157383	5.289	ug/L	100
53) m,p-Xylene	9.697	106	62180	5.456	ug/L	97
54) o-Xylene	10.105	106	59826	5.439	ug/L	95
55) Styrene	10.118	104	106384	5.746	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	41056	5.958	ug/L	95
59) Bromoform	10.295	173	19649	5.747	ug/L	99
60) Isopropylbenzene	10.488	105	157471	5.196	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	31276	5.836	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	128499	5.185	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	130332	5.249	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	74834	5.293	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75223	5.237	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	72173	5.324	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6645	5.960	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	54365	5.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	44990	5.027	ug/L	98
71) Naphthalene	14.089	128	101891	5.542	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	46948	5.272	ug/L	99

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

