

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045828.D
 Acq On : 17 Nov 2021 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Nov 18 02:08:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26786	3.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.919	69	22391	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.575	65	11629	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.655	46	111538	59.747	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.500%
24) Chloroform-d	5.070	84	50506	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.710	65	31876	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.732	84	102731	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.693	67	34609	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.902	98	94742	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.182	79	15143	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.639	63	84054	57.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36295	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37798	4.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37742	5.272	ug/L	99
3) Chloromethane	1.523	50	38830	5.118	ug/L	97
5) Vinyl chloride	1.607	62	40643	5.338	ug/L	96
6) Bromomethane	1.864	94	23634	5.233	ug/L	95
8) Chloroethane	1.941	64	24207	5.576	ug/L	99
9) Trichlorofluoromethane	2.147	101	53537	5.446	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31275	5.426	ug/L	98
12) 1,1-Dichloroethene	2.588	96	29587	5.436	ug/L	83
13) Acetone	2.671	43	73145	66.569	ug/L	90
14) Carbon disulfide	2.800	76	87459	5.081	ug/L	99
15) Methyl Acetate	2.967	43	14988	5.559	ug/L	93
16) Methylene chloride	3.054	84	35149	4.374	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	80539	5.684	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	30431	5.216	ug/L	98
19) 1,1-Dichloroethane	3.877	63	58016	5.308	ug/L	99
21) 2-Butanone	4.729	43	123943	67.041	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	33620	5.315	ug/L	97
23) Bromochloromethane	4.980	128	16301	5.912	ug/L	97
25) Chloroform	5.095	83	67091	5.658	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42550	5.624	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	51798	5.177	ug/L	99
30) Cyclohexane	5.394	56	48468	4.884	ug/L	100
31) Carbon tetrachloride	5.533	117	44297	5.265	ug/L	99
33) Benzene	5.780	78	131339	5.111	ug/L	100
34) Trichloroethene	6.546	95	34692	5.238	ug/L	98
35) Methylcyclohexane	6.767	83	50628	4.978	ug/L	99
37) 1,2-Dichloropropane	6.796	63	35920	5.311	ug/L	100
38) Bromodichloromethane	7.108	83	45175	5.414	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	50212	5.225	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	275016	61.997	ug/L	98
42) Toluene	7.973	91	143152	5.396	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	46291	5.537	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	29278	5.831	ug/L	97
47) Tetrachloroethene	8.555	164	25758	5.555	ug/L	95
48) 2-Hexanone	8.687	43	210944	65.824	ug/L	99
49) Dibromochloromethane	8.812	129	32622	5.705	ug/L	98
50) 1,2-Dibromoethane	8.928	107	27818	5.881	ug/L #	97
51) Chlorobenzene	9.449	112	89965	5.407	ug/L	99
52) Ethylbenzene	9.574	91	150494	5.420	ug/L	98
53) m,p-Xylene	9.697	106	58761	5.525	ug/L	93
54) o-Xylene	10.105	106	57211	5.574	ug/L	97
55) Styrene	10.118	104	100669	5.826	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	38417	5.974	ug/L	97
59) Bromoform	10.295	173	18595	5.686	ug/L	97
60) Isopropylbenzene	10.488	105	152578	5.263	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29403	5.736	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	121436	5.123	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	124964	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	73161	5.410	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75036	5.462	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71474	5.512	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	6075	5.697	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	54237	5.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	46602	5.444	ug/L	100
71) Naphthalene	14.089	128	97174	5.525	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	45454	5.336	ug/L	98

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

