

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045856.D
 Acq On : 18 Nov 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Nov 19 00:47:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	53950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39990	5.294	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.919	69	30071	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.571	65	16960	5.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.645	46	108939	53.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.620%
24) Chloroform-d	5.070	84	59169	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.706	65	37236	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.732	84	132344	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.697	67	41789	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.902	98	121584	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.182	79	17284	4.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.639	63	80213	50.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38235	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45321	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36123	4.653	ug/L	99
3) Chloromethane	1.523	50	35677	4.337	ug/L	99
5) Vinyl chloride	1.607	62	39322	4.762	ug/L	99
6) Bromomethane	1.861	94	15526	3.171	ug/L	100
8) Chloroethane	1.938	64	23888	5.074	ug/L	99
9) Trichlorofluoromethane	2.144	101	52528	4.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31627	5.060	ug/L	98
12) 1,1-Dichloroethene	2.588	96	29320	4.968	ug/L	89
13) Acetone	2.668	43	66111	55.486	ug/L	93
14) Carbon disulfide	2.800	76	85884	4.601	ug/L	99
15) Methyl Acetate	2.964	43	16104	5.509	ug/L	100
16) Methylene chloride	3.051	84	33829	3.882	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	76127	4.955	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	30825	4.872	ug/L	97
19) 1,1-Dichloroethane	3.877	63	58035	4.897	ug/L	100
21) 2-Butanone	4.726	43	105848	52.799	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	33916	4.944	ug/L	97
23) Bromochloromethane	4.980	128	15843	5.299	ug/L	99
25) Chloroform	5.095	83	68466	5.325	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41423	5.049	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	51251	4.739	ug/L	99
30) Cyclohexane	5.394	56	46258	4.313	ug/L	98
31) Carbon tetrachloride	5.530	117	44363	4.878	ug/L	98
33) Benzene	5.780	78	130997	4.716	ug/L	100
34) Trichloroethene	6.546	95	33227	4.642	ug/L	99
35) Methylcyclohexane	6.767	83	49282	4.483	ug/L	99
37) 1,2-Dichloropropane	6.796	63	34201	4.679	ug/L	98
38) Bromodichloromethane	7.111	83	44406	4.924	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	48925	4.710	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	250262	52.200	ug/L	100
42) Toluene	7.973	91	141881	4.949	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	43631	4.828	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	27379	5.046	ug/L	97
47) Tetrachloroethene	8.558	164	24889	4.967	ug/L	95
48) 2-Hexanone	8.687	43	188309	54.369	ug/L	99
49) Dibromochloromethane	8.812	129	31196	5.047	ug/L	97
50) 1,2-Dibromoethane	8.928	107	25802	5.047	ug/L	95
51) Chlorobenzene	9.449	112	88331	4.912	ug/L	99
52) Ethylbenzene	9.574	91	148046	4.933	ug/L	99
53) m,p-Xylene	9.697	106	58603	5.098	ug/L	95
54) o-Xylene	10.105	106	55164	4.973	ug/L	92
55) Styrene	10.118	104	99679	5.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	35790	5.150	ug/L	93
59) Bromoform	10.295	173	17616	4.930	ug/L	97
60) Isopropylbenzene	10.488	105	146962	4.640	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	27132	4.845	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	118923	4.592	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	121419	4.679	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	73411	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73163	4.874	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	69336	4.894	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5203	4.465	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	52135	4.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	44647	4.774	ug/L	99
71) Naphthalene	14.089	128	87152	4.535	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44111	4.740	ug/L	99

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

