

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042228.D
 Acq On : 03 Feb 2021 11:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Feb 04 04:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	112530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	106845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	60604	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33522	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.919	69	26368	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.575	63	81789	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.645	46	106588	40.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.48%
24) Chloroform-d	5.076	84	74046	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	44474	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	136029	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	44460	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	127650	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.189	79	19362	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.645	63	100551	50.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.26%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	38266	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	51947	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	47811	4.51	ug/L	99
3) Chloromethane	1.523	50	42848	4.54	ug/L	97
5) Vinyl chloride	1.607	62	42312	4.67	ug/L	99
6) Bromomethane	1.864	94	23428	4.37	ug/L	95
8) Chloroethane	1.938	64	24325	4.63	ug/L	99
9) Trichlorofluoromethane	2.144	101	62164	5.06	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40224	5.07	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36315	4.76	ug/L	91
13) Acetone	2.652	43	66758	37.84	ug/L	99
14) Carbon disulfide	2.800	76	112836	4.46	ug/L	99
15) Methyl Acetate	2.961	43	17421	4.19	ug/L	100
16) Methylene chloride	3.054	84	39650	4.41	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	108468	4.91	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	38410	4.73	ug/L	97
19) 1,1-Dichloroethane	3.880	63	77402	5.16	ug/L	98
21) 2-Butanone	4.723	43	129609	43.86	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	42872	4.95	ug/L	100
23) Bromochloromethane	4.986	128	19877	4.97	ug/L	92
25) Chloroform	5.099	83	76970	4.98	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	58286	5.31	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	71437	5.07	ug/L	98
30) Cyclohexane	5.398	56	71658	4.74	ug/L	98
31) Carbon tetrachloride	5.536	117	61991	5.00	ug/L	99
33) Benzene	5.784	78	159403	5.07	ug/L	100
34) Trichloroethene	6.552	95	44180	5.21	ug/L	96
35) Methylcyclohexane	6.774	83	68289	4.80	ug/L	98
37) 1,2-Dichloropropane	6.800	63	43592	5.26	ug/L	98
38) Bromodichloromethane	7.115	83	57754	5.05	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	67015	4.92	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	376913	53.22	ug/L	98
42) Toluene	7.980	91	171980	5.05	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	60882	4.88	ug/L	97
45) 1,1,2-Trichloroethane	8.410	97	32379	5.28	ug/L	95
47) Tetrachloroethene	8.562	164	35205	4.99	ug/L	98
48) 2-Hexanone	8.697	43	278146	56.49	ug/L	96
49) Dibromochloromethane	8.819	129	40969	5.03	ug/L	98
50) 1,2-Dibromoethane	8.935	107	32909	5.20	ug/L	99
51) Chlorobenzene	9.455	112	110292	5.07	ug/L	99
52) Ethylbenzene	9.578	91	194287	4.98	ug/L	99
53) m,p-Xylene	9.703	106	73035	5.00	ug/L	98
54) o-Xylene	10.108	106	71867	5.07	ug/L	97
55) Styrene	10.124	104	121467	4.98	ug/L	98
56) Isopropylbenzene	10.494	105	195238	4.99	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	42453	5.42	ug/L	100
59) 1,2,3-Trichloropropane	10.835	75	31315	5.36	ug/L	100
61) Bromoform	10.301	173	25961	4.74	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	93769	4.96	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	92818	4.91	ug/L	95
65) 1,2-Dichlorobenzene	12.221	146	89815	5.11	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.008	75	8477	5.40	ug/L	90
67) 1,3,5-Trichlorobenzene	13.230	180	80360	5.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	67267	5.62	ug/L	99
69) Naphthalene	14.098	128	112613	6.43	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	58631	5.53	ug/L	97

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

