

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021021\
 Data File : VU042308.D
 Acq On : 10 Feb 2021 16:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Feb 11 00:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 11 00:32:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	101913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55082	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28315	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.919	69	25204	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.575	63	74091	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.649	46	140002	58.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.72%
24) Chloroform-d	5.076	84	73697	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.713	65	44416	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.739	84	129028	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	42772	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.909	98	118882	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloroprop...	8.189	79	19202	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.645	63	100031	55.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.20%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	39404	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	51168	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	40104	4.18	ug/L	98
3) Chloromethane	1.523	50	37670	4.40	ug/L	100
5) Vinyl chloride	1.607	62	39072	4.77	ug/L	98
6) Bromomethane	1.864	94	22528	4.64	ug/L	99
8) Chloroethane	1.941	64	22884	4.81	ug/L	98
9) Trichlorofluoromethane	2.144	101	62954	5.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38334	5.33	ug/L	99
12) 1,1-Dichloroethene	2.588	96	33886	4.91	ug/L	86
13) Acetone	2.658	43	72732	45.52	ug/L	84
14) Carbon disulfide	2.800	76	102354	4.47	ug/L	99
15) Methyl Acetate	2.964	43	16346	4.34	ug/L	98
16) Methylene chloride	3.054	84	37436	4.60	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	101848	5.10	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	36000	4.90	ug/L	99
19) 1,1-Dichloroethane	3.880	63	72102	5.31	ug/L	99
21) 2-Butanone	4.729	43	146477	54.73	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	40425	5.16	ug/L	100
23) Bromochloromethane	4.986	128	18396	5.08	ug/L	93
25) Chloroform	5.099	83	73501	5.25	ug/L	98

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27) 1,2-Dichloroethane	5.806	62	55279	5.56	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	67550	5.25	ug/L	97
30) Cyclohexane	5.398	56	66593	4.81	ug/L	99
31) Carbon tetrachloride	5.536	117	58387	5.15	ug/L	98
33) Benzene	5.784	78	150154	5.22	ug/L	100
34) Trichloroethene	6.552	95	41181	5.31	ug/L	98
35) Methylcyclohexane	6.774	83	65326	5.02	ug/L	96
37) 1,2-Dichloropropane	6.800	63	41114	5.43	ug/L	98
38) Bromodichloromethane	7.115	83	54933	5.25	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	62319	5.00	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	358557	55.38	ug/L	97
42) Toluene	7.980	91	162296	5.21	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	57339	5.03	ug/L	97
45) 1,1,2-Trichloroethane	8.410	97	30151	5.38	ug/L	96
47) Tetrachloroethene	8.562	164	33152	5.15	ug/L	98
48) 2-Hexanone	8.697	43	259157	57.57	ug/L	98
49) Dibromochloromethane	8.819	129	37959	5.10	ug/L	96
50) 1,2-Dibromoethane	8.935	107	30176	5.22	ug/L	99
51) Chlorobenzene	9.455	112	102692	5.16	ug/L	98
52) Ethylbenzene	9.578	91	183747	5.15	ug/L	99
53) m,p-Xylene	9.703	106	68599	5.14	ug/L	97
54) o-Xylene	10.108	106	66351	5.12	ug/L	99
55) Styrene	10.124	104	113504	5.09	ug/L	98
56) Isopropylbenzene	10.494	105	182900	5.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	39659	5.54	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	29882	5.59	ug/L	98
61) Bromoform	10.301	173	23652	4.75	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	84871	4.94	ug/L	96
63) 1,4-Dichlorobenzene	11.844	146	84629	4.92	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	82456	5.16	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	8043	5.64	ug/L	82
67) 1,3,5-Trichlorobenzene	13.227	180	71426	5.19	ug/L	100
68) 1,2,4-trichlorobenzene	13.851	180	58415	5.37	ug/L	99
69) Naphthalene	14.095	128	97591	6.13	ug/L	100
70) 1,2,3-Trichlorobenzene	14.339	180	53876	5.59	ug/L	98

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

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