

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042674.D
 Acq On : 15 Mar 2021 19:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Mar 16 01:40:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	81790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44489	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21869	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.919	69	19805	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.575	63	56182	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.649	46	74319	41.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.36%
24) Chloroform-d	5.073	84	55962	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.710	65	34738	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.735	84	94701	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.697	67	31771	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	95534	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.185	79	14783	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.645	63	70113	48.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.90%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29907	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	39156	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34733	4.53	ug/L	100
3) Chloromethane	1.523	50	33422	4.60	ug/L	100
5) Vinyl chloride	1.607	62	33280	4.56	ug/L	99
6) Bromomethane	1.864	94	20733	5.15	ug/L	97
8) Chloroethane	1.941	64	21767	5.00	ug/L	98
9) Trichlorofluoromethane	2.144	101	59271	4.98	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30908	4.94	ug/L	97
12) 1,1-Dichloroethene	2.587	96	27669	4.76	ug/L	88
13) Acetone	2.655	43	45355	32.62	ug/L	100
14) Carbon disulfide	2.800	76	78319	4.23	ug/L	99
15) Methyl Acetate	2.964	43	13448	3.89	ug/L	96
16) Methylene chloride	3.054	84	32350	4.65	ug/L	89
17) Methyl tert-butyl Ether	3.372	73	73940	4.53	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	27659	4.53	ug/L	98
19) 1,1-Dichloroethane	3.880	63	57427	4.88	ug/L	98
21) 2-Butanone	4.729	43	94113	39.81	ug/L	96
22) cis-1,2-Dichloroethene	4.681	96	30831	4.72	ug/L	97
23) Bromochloromethane	4.986	128	15118	4.87	ug/L	95
25) Chloroform	5.099	83	58995	4.77	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	44665	4.81	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	53424	4.70	ug/L	95
30) Cyclohexane	5.398	56	47768	4.21	ug/L	98
31) Carbon tetrachloride	5.533	117	46562	4.64	ug/L	99
33) Benzene	5.784	78	121069	4.73	ug/L	100
34) Trichloroethene	6.549	95	32427	4.57	ug/L	97
35) Methylcyclohexane	6.771	83	47520	4.40	ug/L	97
37) 1,2-Dichloropropane	6.800	63	34069	4.93	ug/L	99
38) Bromodichloromethane	7.115	83	43155	4.79	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	46503	4.62	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	290359	48.20	ug/L	96
42) Toluene	7.976	91	133691	4.79	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	42697	4.60	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	25595	5.02	ug/L	96
47) Tetrachloroethene	8.562	164	26488	4.58	ug/L	96
48) 2-Hexanone	8.697	43	221799	49.91	ug/L	94
49) Dibromochloromethane	8.816	129	30117	4.72	ug/L	93
50) 1,2-Dibromoethane	8.931	107	24836	4.94	ug/L	100
51) Chlorobenzene	9.455	112	84237	4.72	ug/L	98
52) Ethylbenzene	9.578	91	146497	4.66	ug/L	100
53) m,p-Xylene	9.703	106	54668	4.70	ug/L	98
54) o-Xylene	10.108	106	53059	4.71	ug/L	95
55) Styrene	10.121	104	92466	4.83	ug/L	99
56) Isopropylbenzene	10.491	105	146987	4.75	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	33719	4.94	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	24892	4.79	ug/L	100
61) Bromoform	10.298	173	19102	4.76	ug/L	97
62) 1,3-Dichlorobenzene	11.751	146	71453	4.65	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	70588	4.61	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	69476	4.70	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5317	4.28	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	57602	4.33	ug/L	98
68) 1,2,4-trichlorobenzene	13.847	180	45048	4.09	ug/L	99
69) Naphthalene	14.095	128	69512	3.88	ug/L	98
70) 1,2,3-Trichlorobenzene	14.336	180	42614	4.26	ug/L	100

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

