

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042514.D
 Acq On : 05 Mar 2021 20:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Mar 06 00:56:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	45240	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26125	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	21938	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	63	62479	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.645	46	88768	46.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	5.073	84	60153	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	36335	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.735	84	102524	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.700	67	34088	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	102520	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloroprop...	8.185	79	14759	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.642	63	77787	52.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.04%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32353	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	42710	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41866	5.14	ug/L	99
3) Chloromethane	1.523	50	37526	4.87	ug/L	99
5) Vinyl chloride	1.607	62	37949	4.90	ug/L	96
6) Bromomethane	1.864	94	22920	5.36	ug/L	98
8) Chloroethane	1.938	64	23994	5.19	ug/L	98
9) Trichlorofluoromethane	2.144	101	66603	5.27	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	34008	5.12	ug/L	97
12) 1,1-Dichloroethene	2.587	96	30864	5.00	ug/L	93
13) Acetone	2.652	43	63490	43.01	ug/L	97
14) Carbon disulfide	2.800	76	92722	4.72	ug/L	100
15) Methyl Acetate	2.957	43	15138	4.12	ug/L	96
16) Methylene chloride	3.054	84	33934	4.60	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	85506	4.93	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	31541	4.87	ug/L	98
19) 1,1-Dichloroethane	3.880	63	63698	5.09	ug/L	97
21) 2-Butanone	4.722	43	111505	44.44	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	35726	5.16	ug/L	99
23) Bromochloromethane	4.983	128	17451	5.29	ug/L	97
25) Chloroform	5.095	83	67165	5.11	ug/L	99
27) 1,2-Dichloroethane	5.803	62	49260	5.00	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	60063	5.11	ug/L	96
30) Cyclohexane	5.398	56	58009	4.94	ug/L	97
31) Carbon tetrachloride	5.533	117	52650	5.08	ug/L	99
33) Benzene	5.784	78	136018	5.14	ug/L	100
34) Trichloroethene	6.549	95	37028	5.05	ug/L	97
35) Methylcyclohexane	6.771	83	55591	4.98	ug/L	97
37) 1,2-Dichloropropane	6.800	63	37303	5.22	ug/L	99
38) Bromodichloromethane	7.115	83	48789	5.24	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	51666	4.97	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	321140	51.59	ug/L	97
42) Toluene	7.976	91	149067	5.17	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	47770	4.98	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26946	5.12	ug/L	94
47) Tetrachloroethene	8.562	164	29971	5.01	ug/L	98
48) 2-Hexanone	8.693	43	243768	53.08	ug/L	94
49) Dibromochloromethane	8.819	129	34784	5.28	ug/L	98
50) 1,2-Dibromoethane	8.931	107	27733	5.34	ug/L	96
51) Chlorobenzene	9.452	112	94246	5.11	ug/L	99
52) Ethylbenzene	9.578	91	164224	5.05	ug/L	100
53) m,p-Xylene	9.700	106	60645	5.05	ug/L	96
54) o-Xylene	10.105	106	60417	5.19	ug/L	97
55) Styrene	10.121	104	102871	5.20	ug/L	98
56) Isopropylbenzene	10.491	105	164392	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37023	5.25	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	27539	5.13	ug/L	99
61) Bromoform	10.298	173	21802	5.34	ug/L	99
62) 1,3-Dichlorobenzene	11.751	146	79604	5.10	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	78446	5.04	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	80211	5.34	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6264	4.96	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	64493	4.77	ug/L	99
68) 1,2,4-trichlorobenzene	13.847	180	53080	4.74	ug/L	99
69) Naphthalene	14.095	128	88724	4.88	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	50657	4.99	ug/L	100

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

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