

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042516.D
 Acq On : 08 Mar 2021 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Manual Integrations
 APPROVED

SAM

3/10/2021 6:25:06 PM

Quant Time: Mar 09 01:27:54 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	6.260	114	101417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52997	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29013	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.919	69	24269	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.578	63	71616	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.642	46	115650m	52.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	5.076	84	67806	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.713	65	43151	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.735	84	116664	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	39366	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	116566	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloroprop...	8.186	79	18650	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.642	63	90300	52.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37234	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	47942	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	45921	4.86	ug/L	100
3) Chloromethane	1.523	50	42227	4.73	ug/L	100
5) Vinyl chloride	1.607	62	42218	4.71	ug/L	99
6) Bromomethane	1.864	94	26235	5.30	ug/L	97
8) Chloroethane	1.941	64	27290	5.09	ug/L	99
9) Trichlorofluoromethane	2.144	101	71801	4.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38963	5.06	ug/L	97
12) 1,1-Dichloroethene	2.588	96	35617	4.98	ug/L	91
13) Acetone	2.652	43	81843m	47.84	ug/L	
14) Carbon disulfide	2.800	76	107598	4.73	ug/L	100
15) Methyl Acetate	2.961	43	16613	3.91	ug/L	98
16) Methylene chloride	3.054	84	39170	4.58	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	98764	4.91	ug/L	99
18) trans-1,2-Dichloroethene	3.366	96	36563	4.87	ug/L	99
19) 1,1-Dichloroethane	3.880	63	72099	4.98	ug/L	99
21) 2-Butanone	4.723	43	139665m	48.03	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	39129	4.87	ug/L	95
23) Bromochloromethane	4.983	128	19598	5.13	ug/L	95
25) Chloroform	5.099	83	76008	4.99	ug/L	98

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27) 1,2-Dichloroethane	5.803	62	55071	4.82	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	68903	5.08	ug/L	97
30) Cyclohexane	5.398	56	64909	4.79	ug/L	99
31) Carbon tetrachloride	5.536	117	60614	5.06	ug/L	97
33) Benzene	5.784	78	153266	5.02	ug/L	100
34) Trichloroethene	6.549	95	41596	4.91	ug/L	97
35) Methylcyclohexane	6.771	83	62186	4.83	ug/L	98
37) 1,2-Dichloropropane	6.800	63	42453	5.15	ug/L	98
38) Bromodichloromethane	7.115	83	56989	5.30	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	62615	5.21	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	361678	50.30	ug/L	97
42) Toluene	7.977	91	170687	5.12	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	57613	5.20	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	31524	5.18	ug/L	97
47) Tetrachloroethene	8.562	164	33925	4.91	ug/L	98
48) 2-Hexanone	8.697	43	271704	51.22	ug/L	96
49) Dibromochloromethane	8.819	129	40553	5.33	ug/L	97
50) 1,2-Dibromoethane	8.931	107	31680	5.28	ug/L	97
51) Chlorobenzene	9.456	112	108009	5.07	ug/L	98
52) Ethylbenzene	9.578	91	187917	5.01	ug/L	99
53) m,p-Xylene	9.700	106	71032	5.12	ug/L	98
54) o-Xylene	10.108	106	68854	5.12	ug/L	99
55) Styrene	10.121	104	118544	5.19	ug/L	97
56) Isopropylbenzene	10.494	105	188011	5.09	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	41163	5.05	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	32061	5.17	ug/L	97
61) Bromoform	10.301	173	26075	5.45	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	91765	5.02	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	92082	5.05	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	88638	5.04	ug/L	97
66) 1,2-Dibromo-3-chloropr...	13.005	75	7723	5.22	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	75142	4.74	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	60831	4.64	ug/L	99
69) Naphthalene	14.095	128	98768	4.63	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	56357	4.73	ug/L	98

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

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