

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042894.D
 Acq On : 02 Apr 2021 12:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:45:09 PM

Quant Time: Apr 02 14:14:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	83798	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	83340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	45713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24114	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.919	69	21506	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.578	63	58765	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.649	46	102598m	48.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	5.073	84	58138	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.713	65	36961	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.739	84	101476	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	33805	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	97129	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.189	79	15117	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.645	63	85888	53.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.96%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31984	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	42494	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34104	5.08	ug/L	98
3) Chloromethane	1.523	50	33194	5.05	ug/L	99
5) Vinyl chloride	1.610	62	33164	5.00	ug/L	97
6) Bromomethane	1.864	94	19988	5.11	ug/L	95
8) Chloroethane	1.941	64	20680	4.81	ug/L	99
9) Trichlorofluoromethane	2.147	101	58403	5.04	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	29968	5.22	ug/L	96
12) 1,1-Dichloroethene	2.588	96	27271	5.01	ug/L	86
13) Acetone	2.662	43	58809m	46.55	ug/L	
14) Carbon disulfide	2.803	76	81126	4.85	ug/L	100
15) Methyl Acetate	2.964	43	14366	5.10	ug/L	93
16) Methylene chloride	3.057	84	30503	4.90	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	75228	4.92	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	27714	4.96	ug/L	96
19) 1,1-Dichloroethane	3.880	63	55454	4.96	ug/L	98
21) 2-Butanone	4.726	43	106441m	46.47	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	29963	4.81	ug/L	97
23) Bromochloromethane	4.986	128	14642	5.04	ug/L	89
25) Chloroform	5.102	83	59511	4.87	ug/L	99

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

27) 1,2-Dichloroethane	5.806	62	44323	4.98	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	52319	4.95	ug/L	96
30) Cyclohexane	5.398	56	48909	4.76	ug/L	99
31) Carbon tetrachloride	5.533	117	45097	4.90	ug/L	97
33) Benzene	5.784	78	120274	4.97	ug/L	100
34) Trichloroethene	6.552	95	31999	4.92	ug/L	96
35) Methylcyclohexane	6.771	83	46636	4.78	ug/L	98
37) 1,2-Dichloropropane	6.800	63	32656	4.97	ug/L #	97
38) Bromodichloromethane	7.115	83	42821	4.97	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	46519	4.86	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	302917	52.37	ug/L	95
42) Toluene	7.976	91	131256	4.94	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	43894	4.92	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	23523	4.92	ug/L	96
47) Tetrachloroethene	8.562	164	26330	4.95	ug/L	97
48) 2-Hexanone	8.697	43	228040	53.79	ug/L	93
49) Dibromochloromethane	8.819	129	30446	5.04	ug/L	97
50) 1,2-Dibromoethane	8.931	107	24269	5.16	ug/L	98
51) Chlorobenzene	9.455	112	82954	4.89	ug/L	99
52) Ethylbenzene	9.578	91	146013	4.91	ug/L	100
53) m,p-Xylene	9.700	106	55046	5.00	ug/L	97
54) o-Xylene	10.108	106	53460	4.97	ug/L	95
55) Styrene	10.121	104	93225	5.04	ug/L	99
56) Isopropylbenzene	10.491	105	145810	4.87	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32147	5.15	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	23627	5.02	ug/L	100
61) Bromoform	10.298	173	19378	5.17	ug/L	97
62) 1,3-Dichlorobenzene	11.751	146	72856	4.96	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	72758	4.96	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	69136	4.91	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.005	75	5508	5.10	ug/L	96
67) 1,3,5-Trichlorobenzene	13.227	180	58352	4.92	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	46606	4.80	ug/L	97
69) Naphthalene	14.095	128	74507	4.71	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	45012	5.09	ug/L	97

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

