

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
 Data File : VU042805.D
 Acq On : 26 Mar 2021 15:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:17:56 PM

Quant Time: Mar 27 02:41:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 27 01:44:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	91870	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	91169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49882	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28560	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.919	69	23799	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.575	63	65871	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.646	46	89277	44.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.80%
24) Chloroform-d	5.073	84	64385	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.713	65	38107	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.739	84	111855	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.700	67	36132	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	108859	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloroprop...	8.189	79	16264	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.645	63	81641	50.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	32206	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	45975	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	36549	4.27	ug/L	98
3) Chloromethane	1.523	50	33060	4.08	ug/L	98
5) Vinyl chloride	1.607	62	33910	4.17	ug/L	97
6) Bromomethane	1.861	94	20605	4.59	ug/L	99
8) Chloroethane	1.938	64	23018	4.74	ug/L	98
9) Trichlorofluoromethane	2.144	101	63961	4.82	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32553	4.67	ug/L	96
12) 1,1-Dichloroethene	2.588	96	28665	4.43	ug/L	89
13) Acetone	2.655	43	60559m	39.08	ug/L	
14) Carbon disulfide	2.800	76	74363	3.61	ug/L	100
15) Methyl Acetate	2.964	43	13185	3.42	ug/L	99
16) Methylene chloride	3.057	84	33199	4.28	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	85201	4.68	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	29506	4.34	ug/L	97
19) 1,1-Dichloroethane	3.880	63	62770	4.78	ug/L	97
21) 2-Butanone	4.723	43	102335	38.85	ug/L	92
22) cis-1,2-Dichloroethene	4.678	96	34219	4.70	ug/L	98
23) Bromochloromethane	4.986	128	15889	4.59	ug/L #	90
25) Chloroform	5.099	83	67312	4.88	ug/L	97

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

27) 1,2-Dichloroethane	5.803	62	48560	4.69	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	59762	4.71	ug/L	97
30) Cyclohexane	5.398	56	52789	4.17	ug/L	98
31) Carbon tetrachloride	5.533	117	51906	4.64	ug/L	97
33) Benzene	5.784	78	133064	4.67	ug/L	100
34) Trichloroethene	6.552	95	36207	4.58	ug/L	98
35) Methylcyclohexane	6.774	83	51197	4.26	ug/L	98
37) 1,2-Dichloropropane	6.800	63	37439	4.86	ug/L	98
38) Bromodichloromethane	7.115	83	48589	4.84	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	53153	4.74	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	312978	46.61	ug/L	96
42) Toluene	7.977	91	147207	4.73	ug/L	96
44) trans-1,3-Dichloropropene	8.221	75	48428	4.68	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	26932	4.74	ug/L	95
47) Tetrachloroethene	8.562	164	29724	4.61	ug/L	96
48) 2-Hexanone	8.697	43	231022	46.64	ug/L	95
49) Dibromochloromethane	8.819	129	34508	4.86	ug/L	99
50) 1,2-Dibromoethane	8.935	107	26856	4.80	ug/L	99
51) Chlorobenzene	9.456	112	94304	4.74	ug/L	99
52) Ethylbenzene	9.578	91	165020	4.71	ug/L	100
53) m,p-Xylene	9.703	106	62290	4.80	ug/L	97
54) o-Xylene	10.108	106	59737	4.76	ug/L	97
55) Styrene	10.124	104	104259	4.88	ug/L	99
56) Isopropylbenzene	10.494	105	168930	4.89	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	34820	4.58	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	26866	4.64	ug/L	97
61) Bromoform	10.301	173	21902	4.86	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	82733	4.81	ug/L	100
63) 1,4-Dichlorobenzene	11.845	146	81560	4.75	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	79239	4.78	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.009	75	6102	4.38	ug/L	97
67) 1,3,5-Trichlorobenzene	13.227	180	68213	4.57	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	56102	4.54	ug/L	99
69) Naphthalene	14.099	128	90839	4.53	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	51627	4.61	ug/L	99

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

