

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041869.D
 Acq On : 07 Jan 2021 13:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Jan 08 04:55:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 07 13:28:42 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	142968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	76662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49306	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	50943	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.80%
11) 1,1-Dichloroethene-d2	2.58	63	100562	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.65	46	159869	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	5.08	84	101572	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.71	65	57598	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.74	84	188721	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	59311	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.90	98	181674	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.18	79	25949	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.64	63	149699	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	61691	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	72700	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	66259	5.471 ug/L	99
3) Chloromethane	1.52	50	63595	5.404 ug/L	98
5) Vinyl chloride	1.61	62	76777	5.909 ug/L	100
6) Bromomethane	1.86	94	47311	5.824 ug/L	98
8) Chloroethane	1.94	64	47947	5.433 ug/L	100
9) Trichlorofluoromethane	2.14	101	103052	6.266 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58912	5.990 ug/L	97
12) 1,1-Dichloroethene	2.59	96	55897	5.764 ug/L	88
13) Acetone	2.66	43	96395	47.201 ug/L	77
14) Carbon disulfide	2.80	76	174206	5.198 ug/L	100
15) Methyl Acetate	2.96	43	24818	4.674 ug/L	94
16) Methylene chloride	3.06	84	66629	5.752 ug/L	90
17) Methyl tert-butyl Ether	3.38	73	139790	5.402 ug/L	98
18) trans-1,2-Dichloroethene	3.36	96	58273	5.809 ug/L	94
19) 1,1-Dichloroethane	3.88	63	99275	5.295 ug/L	100
21) 2-Butanone	4.73	43	139072	41.808 ug/L	92
22) cis-1,2-Dichloroethene	4.68	96	54504	4.916 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	27075	5.316	ug/L	87
25) Chloroform	5.10	83	96311	5.101	ug/L	98
27) 1,2-Dichloroethane	5.81	62	63538	4.969	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	83718	5.180	ug/L	98
30) Cyclohexane	5.40	56	72818	4.020	ug/L	89
31) Carbon tetrachloride	5.54	117	74948	5.364	ug/L	100
33) Benzene	5.78	78	210714	4.682	ug/L	100
34) Trichloroethene	6.55	95	54988	4.862	ug/L	91
35) Methylcyclohexane	6.77	83	81445	4.455	ug/L	98
37) 1,2-Dichloropropane	6.80	63	50976	4.428	ug/L #	97
38) Bromodichloromethane	7.11	83	68905	4.811	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	77073	4.519	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	333636	40.731	ug/L #	95
42) Toluene	7.97	91	230614	4.963	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	71229	4.670	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	44683	5.249	ug/L	94
47) Tetrachloroethene	8.56	164	45933	5.802	ug/L	93
48) 2-Hexanone	8.69	43	250679	42.051	ug/L #	95
49) Dibromochloromethane	8.81	129	52629	5.382	ug/L	97
50) 1,2-Dibromoethane	8.92	107	42816	5.084	ug/L	100
51) Chlorobenzene	9.45	112	147680	5.113	ug/L	95
52) Ethylbenzene	9.57	91	235459	4.759	ug/L	99
53) m,p-Xylene	9.69	106	93203	5.051	ug/L	98
54) o-Xylene	10.10	106	89146	4.932	ug/L	100
55) Styrene	10.11	104	157616	5.048	ug/L	98
56) Isopropylbenzene	10.48	105	238171	4.951	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	56079	4.734	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	40529	4.688	ug/L	100
61) Bromoform	10.29	173	31966	5.516	ug/L	94
62) 1,3-Dichlorobenzene	11.74	146	121491	5.182	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	121702	5.163	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	116243	5.063	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9247	4.295	ug/L #	78
67) 1,3,5-Trichlorobenzene	13.21	180	88088	4.949	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	66943	4.482	ug/L	99
69) Naphthalene	14.08	128	107087	3.464	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	66531	4.674	ug/L	98

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

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