

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041918.D
 Acq On : 11 Jan 2021 13:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Jan 12 03:25:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60159	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	50768	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.92	69	49448	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.57	63	100071	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.65	46	159977	54.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	5.08	84	92721	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.71	65	50590	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	180076	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	56918	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.90	98	162795	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.18	79	24570	5.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.00%
46) 2-Hexanone-d5	8.64	63	141695	61.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53652	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	59692	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	60788	5.018	ug/L	97
3) Chloromethane	1.52	50	64603	4.902	ug/L	94
5) Vinyl chloride	1.61	62	74129	5.182	ug/L	99
6) Bromomethane	1.86	94	45471	5.256	ug/L	99
8) Chloroethane	1.94	64	44873	5.135	ug/L	99
9) Trichlorofluoromethane	2.14	101	96107	5.207	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	51422	5.120	ug/L	99
12) 1,1-Dichloroethene	2.59	96	49995	5.114	ug/L	92
13) Acetone	2.66	43	101964	53.522	ug/L #	49
14) Carbon disulfide	2.80	76	151891	4.979	ug/L	98
15) Methyl Acetate	2.97	43	23284	5.379	ug/L	99
16) Methylene chloride	3.06	84	56584	4.605	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	126210	5.383	ug/L	97
18) trans-1,2-Dichloroethene	3.36	96	49802	5.247	ug/L	94
19) 1,1-Dichloroethane	3.88	63	97266	5.460	ug/L	99
21) 2-Butanone	4.73	43	164388	55.607	ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	52133	5.143	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25721	5.437	ug/L	86
25) Chloroform	5.10	83	93248	5.022	ug/L	98
27) 1,2-Dichloroethane	5.81	62	61040	5.129	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	79319	5.173	ug/L	99
30) Cyclohexane	5.40	56	77979	5.429	ug/L	99
31) Carbon tetrachloride	5.53	117	69750	5.264	ug/L	97
33) Benzene	5.78	78	204896	5.411	ug/L	100
34) Trichloroethene	6.55	95	53176	5.350	ug/L	96
35) Methylcyclohexane	6.77	83	81569	5.583	ug/L	98
37) 1,2-Dichloropropane	6.80	63	52421	5.552	ug/L	100
38) Bromodichloromethane	7.11	83	66046	5.227	ug/L	92
39) cis-1,3-Dichloropropene	7.61	75	77261	5.541	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	356564	59.478	ug/L	100
42) Toluene	7.97	91	218468	5.584	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	68928	5.588	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	41406	5.719	ug/L	95
47) Tetrachloroethene	8.56	164	38790	5.608	ug/L	98
48) 2-Hexanone	8.69	43	271060	61.338	ug/L	99
49) Dibromochloromethane	8.81	129	48070	5.456	ug/L	92
50) 1,2-Dibromoethane	8.93	107	38822	5.688	ug/L	95
51) Chlorobenzene	9.45	112	133329	5.414	ug/L	99
52) Ethylbenzene	9.57	91	226343	5.493	ug/L	100
53) m,p-Xylene	9.69	106	84966	5.569	ug/L	96
54) o-Xylene	10.10	106	82990	5.629	ug/L	97
55) Styrene	10.11	104	146726	5.725	ug/L	99
56) Isopropylbenzene	10.48	105	223034	5.634	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	53925	5.700	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	38148	5.531	ug/L	99
61) Bromoform	10.29	173	27953	5.485	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	104167	5.457	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	104652	5.463	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	102058	5.554	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9826	5.888	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	74821	5.369	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	59415	5.656	ug/L	98
69) Naphthalene	14.07	128	110273	6.191	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	57713	5.811	ug/L	98

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

