

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041241.D
 Acq On : 16 Nov 2020 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

Quant Time: Nov 16 12:17:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80363	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25486	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	22397	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	54024	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.65	46	117499	48.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	5.08	84	56543	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.71	65	35505	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.74	84	101158	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	38358	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.90	98	100869	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.18	79	15580	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.64	63	81286	51.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30880	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36822	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	29258	4.411	ug/L	99
3) Chloromethane	1.53	50	31688	4.436	ug/L	100
5) Vinyl chloride	1.61	62	30751	4.408	ug/L	97
6) Bromomethane	1.87	94	17964	4.341	ug/L	99
8) Chloroethane	1.94	64	19966	4.312	ug/L	95
9) Trichlorofluoromethane	2.15	101	46994	4.325	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	25743	4.349	ug/L	94
12) 1,1-Dichloroethene	2.59	96	23011	4.399	ug/L	93
13) Acetone	2.66	43	67607	41.813	ug/L #	54
14) Carbon disulfide	2.81	76	66324	4.308	ug/L	98
15) Methyl Acetate	2.97	43	15457	4.602	ug/L	97
16) Methylene chloride	3.06	84	27606	4.209	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	64518	4.505	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	22784	4.472	ug/L	96
19) 1,1-Dichloroethane	3.89	63	50960	4.474	ug/L	98
21) 2-Butanone	4.73	43	109211	44.488	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	27901	4.849	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	12791	4.483	ug/L	96
25) Chloroform	5.10	83	52714	4.267	ug/L	100
27) 1,2-Dichloroethane	5.81	62	38683	4.356	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	45431	5.070	ug/L	96
30) Cyclohexane	5.40	56	36698	4.957	ug/L	97
31) Carbon tetrachloride	5.54	117	39671	5.106	ug/L	99
33) Benzene	5.79	78	102194	5.144	ug/L	100
34) Trichloroethene	6.55	95	29405	5.477	ug/L	99
35) Methylcyclohexane	6.77	83	40175	5.632	ug/L	99
37) 1,2-Dichloropropane	6.80	63	32393	5.579	ug/L #	97
38) Bromodichloromethane	7.11	83	40426	5.326	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	41721	5.151	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	253279	52.707	ug/L	99
42) Toluene	7.97	91	114825	5.409	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	40176	5.244	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	23147	5.154	ug/L	94
47) Tetrachloroethene	8.56	164	20245	5.103	ug/L	99
48) 2-Hexanone	8.69	43	183718	51.215	ug/L	99
49) Dibromochloromethane	8.81	129	27137	5.099	ug/L	97
50) 1,2-Dibromoethane	8.93	107	20391	4.894	ug/L	99
51) Chlorobenzene	9.45	112	69668	4.954	ug/L	99
52) Ethylbenzene	9.57	91	113109	4.989	ug/L	99
53) m,p-Xylene	9.69	106	43005	5.249	ug/L	99
54) o-Xylene	10.10	106	40314	5.108	ug/L	97
55) Styrene	10.11	104	72274	5.171	ug/L	99
56) Isopropylbenzene	10.48	105	111310	5.324	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	27965	4.764	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	22996	5.022	ug/L	99
61) Bromoform	10.29	173	16092	4.348	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	55913	4.597	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	58943	4.703	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	53482	4.421	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	6016	5.357	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	41152	4.751	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	32499	4.517	ug/L	96
69) Naphthalene	14.08	128	54576	4.685	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	30377	4.546	ug/L	99

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

