

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039151.D
 Acq On : 26 Jun 2020 06:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Jun 26 06:52:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	218719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	210879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	101066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	59922	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.93	69	60741	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.59	63	129890	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.68	46	365910	63.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.60%
24) Chloroform-d	5.10	84	161804	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	101579	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.76	84	272762	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	96655	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.92	98	215677	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.20	79	41971	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.65	63	274721	62.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100859	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	86067	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	84929	4.339	ug/L 99
3) Chloromethane	1.53	50	108157	5.134	ug/L 97
5) Vinyl chloride	1.62	62	103847	4.888	ug/L 98
6) Bromomethane	1.87	94	57203	5.001	ug/L 95
8) Chloroethane	1.95	64	68092	5.317	ug/L 96
9) Trichlorofluoromethane	2.16	101	124940	4.593	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	67828	4.284	ug/L 100
12) 1,1-Dichloroethene	2.60	96	73764	4.870	ug/L 98
13) Acetone	2.68	43	221055	56.316	ug/L 99
14) Carbon disulfide	2.82	76	224337	4.442	ug/L 100
15) Methyl Acetate	2.99	43	52410	5.624	ug/L 98
16) Methylene chloride	3.08	84	100508	5.378	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	241517	5.601	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	77130	4.759	ug/L 98
19) 1,1-Dichloroethane	3.91	63	170762	5.300	ug/L 99
21) 2-Butanone	4.76	43	374854	62.812	ug/L 99
22) cis-1,2-Dichloroethene	4.70	96	89561	5.121	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	44629	5.544	ug/L	94
25) Chloroform	5.12	83	175995	5.437	ug/L	96
27) 1,2-Dichloroethane	5.83	62	131125	5.684	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	134409	5.107	ug/L	99
30) Cyclohexane	5.42	56	98474	4.022	ug/L	98
31) Carbon tetrachloride	5.56	117	104246	4.757	ug/L	100
33) Benzene	5.81	78	349214	5.271	ug/L	100
34) Trichloroethene	6.57	95	78883	4.922	ug/L	99
35) Methylcyclohexane	6.79	83	94058	3.955	ug/L	97
37) 1,2-Dichloropropane	6.82	63	98980	5.514	ug/L	99
38) Bromodichloromethane	7.13	83	126294	5.643	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	129986	5.224	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	828767	61.858	ug/L	100
42) Toluene	7.99	91	332420	5.054	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	123657	5.312	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	77999	5.846	ug/L	96
47) Tetrachloroethene	8.57	164	51720	4.478	ug/L	93
48) 2-Hexanone	8.71	43	628753	64.015	ug/L	99
49) Dibromochloromethane	8.83	129	85228	5.875	ug/L	99
50) 1,2-Dibromoethane	8.94	107	71784	5.691	ug/L #	97
51) Chlorobenzene	9.46	112	206387	4.985	ug/L	100
52) Ethylbenzene	9.59	91	314146	4.544	ug/L	98
53) m,p-Xylene	9.71	106	118272	4.653	ug/L	100
54) o-Xylene	10.11	106	121162	4.962	ug/L	96
55) Styrene	10.13	104	215272	5.020	ug/L	100
56) Isopropylbenzene	10.50	105	283757	4.435	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	98801	5.538	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	76968	5.687	ug/L	98
61) Bromoform	10.30	173	46608	5.646	ug/L #	99
62) 1,3-Dichlorobenzene	11.75	146	148802	4.952	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	152155	4.916	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	148741	4.936	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	18736	5.637	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	100978	4.540	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	89983	4.442	ug/L	100
69) Naphthalene	14.11	128	196752	4.552	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	90881	4.648	ug/L	99

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

