

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039177.D
 Acq On : 26 Jun 2020 20:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Jun 26 23:57:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261095	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	131850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64019	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.93	69	65414	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.60	63	145887	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.68	46	358385	51.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.88%
24) Chloroform-d	5.10	84	168860	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	101701	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.76	84	295231	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.72	67	100773	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.92	98	247306	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.20	79	44184	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	282241	52.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101874	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	103857	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	104169	4.458	ug/L 98
3) Chloromethane	1.53	50	107196	4.262	ug/L 93
5) Vinyl chloride	1.62	62	114477	4.514	ug/L 100
6) Bromomethane	1.88	94	60840	4.456	ug/L 100
8) Chloroethane	1.95	64	69462	4.544	ug/L 99
9) Trichlorofluoromethane	2.16	101	157112	4.839	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	88386	4.676	ug/L 97
12) 1,1-Dichloroethene	2.61	96	83916	4.641	ug/L 93
13) Acetone	2.68	43	200632	42.817	ug/L 99
14) Carbon disulfide	2.82	76	259255	4.300	ug/L 100
15) Methyl Acetate	2.99	43	46471	4.177	ug/L 96
16) Methylene chloride	3.08	84	96538	4.327	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	238486	4.633	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	87691	4.532	ug/L 95
19) 1,1-Dichloroethane	3.91	63	175112	4.553	ug/L 98
21) 2-Butanone	4.75	43	328306	46.083	ug/L 99
22) cis-1,2-Dichloroethene	4.70	96	95533	4.575	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	44330	4.613	ug/L	97
25) Chloroform	5.12	83	177449	4.592	ug/L	95
27) 1,2-Dichloroethane	5.83	62	127712	4.638	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	155856	4.881	ug/L	99
30) Cyclohexane	5.42	56	144286	4.857	ug/L	99
31) Carbon tetrachloride	5.56	117	128513	4.833	ug/L	99
33) Benzene	5.81	78	376427	4.683	ug/L	100
34) Trichloroethene	6.57	95	96557	4.966	ug/L	98
35) Methylcyclohexane	6.79	83	146711	5.085	ug/L	98
37) 1,2-Dichloropropane	6.82	63	99317	4.560	ug/L	100
38) Bromodichloromethane	7.13	83	129453	4.768	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	143233	4.745	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	765014	47.063	ug/L	99
42) Toluene	7.99	91	389851	4.886	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	134659	4.767	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	74031	4.574	ug/L	96
47) Tetrachloroethene	8.57	164	68180	4.865	ug/L	97
48) 2-Hexanone	8.71	43	594463	49.885	ug/L	99
49) Dibromochloromethane	8.83	129	85657	4.867	ug/L	97
50) 1,2-Dibromoethane	8.94	107	72183	4.717	ug/L	95
51) Chlorobenzene	9.47	112	243148	4.841	ug/L	99
52) Ethylbenzene	9.59	91	410447	4.894	ug/L	98
53) m,p-Xylene	9.71	106	157478	5.106	ug/L	99
54) o-Xylene	10.11	106	148131	5.000	ug/L	98
55) Styrene	10.13	104	266662	5.125	ug/L	100
56) Isopropylbenzene	10.50	105	396791	5.111	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	95957	4.434	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	80788	4.920	ug/L	98
61) Bromoform	10.31	173	47993	4.456	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	186753	4.763	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	194347	4.813	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	181181	4.609	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	18648	4.300	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	133884	4.614	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	121556	4.599	ug/L	98
69) Naphthalene	14.11	128	234226	4.154	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	113194	4.437	ug/L	98

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

