

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037452.D
 Acq On : 29 Mar 2020 11:25
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Mar 30 03:16:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	99547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	94331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34127	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.93	69	28881	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.59	63	66711	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.67	46	108591	54.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	5.11	84	69359	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	39230	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	126975	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	42794	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.93	98	116100	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	19030	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	91237	54.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36912	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	42665	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	35531	4.254 ug/L	99
3) Chloromethane	1.53	50	36865	4.979 ug/L	99
5) Vinyl chloride	1.62	62	39625	5.085 ug/L	99
6) Bromomethane	1.87	94	22605	5.147 ug/L	96
8) Chloroethane	1.95	64	22841	5.254 ug/L	97
9) Trichlorofluoromethane	2.16	101	52957	5.076 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	29056	4.571 ug/L	96
12) 1,1-Dichloroethene	2.61	96	30878	4.716 ug/L	93
13) Acetone	2.66	43	56858	49.406 ug/L	99
14) Carbon disulfide	2.82	76	105971	4.731 ug/L	98
15) Methyl Acetate	2.98	43	15722	4.890 ug/L	97
16) Methylene chloride	3.08	84	35406	4.839 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	91717	5.148 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	34225	4.999 ug/L	97
19) 1,1-Dichloroethane	3.91	63	64345	5.029 ug/L	97
21) 2-Butanone	4.75	43	101732	51.999 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	37014	4.825 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	16156	4.767	ug/L	97
25) Chloroform	5.13	83	68075	5.057	ug/L	99
27) 1,2-Dichloroethane	5.83	62	46566	5.178	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	60476	5.101	ug/L	100
30) Cyclohexane	5.43	56	59758	4.918	ug/L	97
31) Carbon tetrachloride	5.56	117	49036	4.790	ug/L	99
33) Benzene	5.81	78	139524	4.995	ug/L	100
34) Trichloroethene	6.57	95	37916	4.766	ug/L	96
35) Methylcyclohexane	6.79	83	55439	4.403	ug/L	100
37) 1,2-Dichloropropane	6.83	63	36664	5.077	ug/L	100
38) Bromodichloromethane	7.13	83	51684	5.233	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	55678	4.728	ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	261405	54.370	ug/L	99
42) Toluene	8.00	91	149611	4.970	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	50746	4.820	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	26701	4.944	ug/L	96
47) Tetrachloroethene	8.57	164	24903	4.544	ug/L	96
48) 2-Hexanone	8.71	43	185681	53.580	ug/L	99
49) Dibromochloromethane	8.84	129	32863	4.930	ug/L	96
50) 1,2-Dibromoethane	8.95	107	26492	5.053	ug/L	96
51) Chlorobenzene	9.47	112	93115	4.477	ug/L	99
52) Ethylbenzene	9.59	91	170235	4.927	ug/L	100
53) m,p-Xylene	9.71	106	61967	4.747	ug/L	97
54) o-Xylene	10.12	106	62201	4.882	ug/L	100
55) Styrene	10.13	104	108270	4.973	ug/L	99
56) Isopropylbenzene	10.50	105	166140	4.894	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	35552	5.157	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	25938	5.164	ug/L	97
61) Bromoform	10.31	173	19153	4.950	ug/L #	95
62) 1,3-Dichlorobenzene	11.76	146	71809	4.797	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	72002	4.504	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	68526	4.742	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	7504	5.901	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	52049	4.484	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	48393	4.324	ug/L	98
69) Naphthalene	14.12	128	112524	5.179	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	45330	4.504	ug/L	97

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

