

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062320\
 Data File : VU039037.D
 Acq On : 23 Jun 2020 13:43
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Jun 24 00:29:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 00:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	281234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	281977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	137905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101121	4.91	ug/L	0.00
7) Chloroethane-d5	1.93	69	83852	4.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	193621	4.89	ug/L	0.00
20) 2-Butanone-d5	4.67	46	365968	49.24	ug/L	0.00
24) Chloroform-d	5.10	84	198568	4.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	120658	4.84	ug/L	0.00
32) Benzene-d6	5.76	84	388520	4.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	126730	4.82	ug/L	0.00
41) Toluene-d8	7.92	98	331924	5.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	57040	4.99	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	307158	52.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119801	4.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	120410	4.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	124052	4.929	ug/L 100
3) Chloromethane	1.53	50	134715	4.973	ug/L 100
5) Vinyl chloride	1.62	62	137217	5.023	ug/L 100
6) Bromomethane	1.88	94	70810	4.814	ug/L 100
8) Chloroethane	1.95	64	80705	4.901	ug/L 100
9) Trichlorofluoromethane	2.16	101	170167	4.865	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100382	4.930	ug/L 100
12) 1,1-Dichloroethene	2.61	96	94956	4.875	ug/L 100
13) Acetone	2.67	43	230658	45.700	ug/L 100
14) Carbon disulfide	2.82	76	315927	4.865	ug/L 100
15) Methyl Acetate	2.98	43	60098	5.014	ug/L 100
16) Methylene chloride	3.08	84	115956	4.825	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	274726	4.955	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	100619	4.828	ug/L 100
19) 1,1-Dichloroethane	3.91	63	205211	4.953	ug/L 100
21) 2-Butanone	4.75	43	387068	50.441	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	109703	4.878	ug/L 100
23) Bromochloromethane	5.01	128	52709	5.093	ug/L 100
25) Chloroform	5.12	83	206325	4.957	ug/L 100
27) 1,2-Dichloroethane	5.83	62	147284	4.966	ug/L 100
29) 1,1,1-Trichloroethane	5.35	97	172092	4.890	ug/L 100
30) Cyclohexane	5.42	56	159411	4.869	ug/L 100
31) Carbon tetrachloride	5.56	117	141860	4.841	ug/L 100
33) Benzene	5.81	78	439016	4.955	ug/L 100
34) Trichloroethene	6.57	95	104170	4.861	ug/L 100
35) Methylcyclohexane	6.79	83	157738	4.961	ug/L 100
37) 1,2-Dichloropropane	6.82	63	119147	4.964	ug/L 100
38) Bromodichloromethane	7.13	83	147538	4.930	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	167919	5.047	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	927806	51.790	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	443249	5.040	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	153938	4.945	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	87683	4.915	ug/L	100
47) Tetrachloroethene	8.57	164	73934	4.787	ug/L	100
48) 2-Hexanone	8.70	43	690761	52.596	ug/L	100
49) Dibromochloromethane	8.83	129	95731	4.935	ug/L	100
50) 1,2-Dibromoethane	8.94	107	84070	4.984	ug/L	100
51) Chlorobenzene	9.46	112	273069	4.933	ug/L	100
52) Ethylbenzene	9.58	91	453188	4.903	ug/L	100
53) m,p-Xylene	9.71	106	171799	5.054	ug/L	100
54) o-Xylene	10.11	106	166562	5.101	ug/L	100
55) Styrene	10.13	104	295339	5.150	ug/L	100
56) Isopropylbenzene	10.50	105	432993	5.061	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	118832	4.982	ug/L	100
59) 1,2,3-Trichloropropane	10.83	75	87826	4.853	ug/L	100
61) Bromoform	10.31	173	54037	4.797	ug/L	100
62) 1,3-Dichlorobenzene	11.75	146	203246	4.957	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	203583	4.820	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	196910	4.789	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	21735	4.792	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	145407	4.791	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	130663	4.727	ug/L	100
69) Naphthalene	14.11	128	282090	4.783	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	129346	4.848	ug/L	100

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

