

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040349.D
 Acq On : 29 Sep 2020 10:08
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Sep 30 01:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:04:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72300	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32519	4.60	ug/L	0.00
7) Chloroethane-d5	1.92	69	29278	4.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	79805	4.47	ug/L	0.00
20) 2-Butanone-d5	4.65	46	166409	56.70	ug/L	0.00
24) Chloroform-d	5.08	84	78021	4.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	47340	4.64	ug/L	0.00
32) Benzene-d6	5.74	84	135551	4.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	49227	4.87	ug/L	0.00
41) Toluene-d8	7.91	98	123501	4.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	19380	4.26	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	121691	54.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47276	5.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	52327	4.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	68382	5.219 ug/L	100
3) Chloromethane	1.53	50	66479	5.253 ug/L	100
5) Vinyl chloride	1.61	62	64916	5.090 ug/L	100
6) Bromomethane	1.87	94	32111	4.972 ug/L	100
8) Chloroethane	1.94	64	40028	5.224 ug/L	100
9) Trichlorofluoromethane	2.15	101	89139	4.950 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	57328	4.896 ug/L	100
12) 1,1-Dichloroethene	2.59	96	52398	5.155 ug/L	100
13) Acetone	2.66	43	133462	51.046 ug/L	100
14) Carbon disulfide	2.81	76	164573	5.042 ug/L	100
15) Methyl Acetate	2.97	43	32750	4.885 ug/L	100
16) Methylene chloride	3.06	84	60747	4.559 ug/L	100
17) Methyl tert-butyl Ether	3.38	73	140204	4.658 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	54673	4.992 ug/L	100
19) 1,1-Dichloroethane	3.89	63	110532	4.930 ug/L	100
21) 2-Butanone	4.73	43	225896	52.265 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	60536	5.116 ug/L	100
23) Bromochloromethane	4.99	128	27639	5.334 ug/L	100
25) Chloroform	5.11	83	114248	4.975 ug/L	100
27) 1,2-Dichloroethane	5.81	62	77623	4.692 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	94306	4.637 ug/L	100
30) Cyclohexane	5.41	56	96430	4.840 ug/L	100
31) Carbon tetrachloride	5.54	117	81057	4.635 ug/L	100
33) Benzene	5.79	78	234349	4.974 ug/L	100
34) Trichloroethene	6.55	95	60163	4.797 ug/L	100
35) Methylcyclohexane	6.77	83	90314	4.712 ug/L	100
37) 1,2-Dichloropropane	6.80	63	63086	4.978 ug/L	100
38) Bromodichloromethane	7.11	83	80680	4.685 ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	86833	4.715 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	524143	50.516 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	245585	5.069	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	79804	4.664	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	45894	4.992	ug/L	100
47) Tetrachloroethene	8.56	164	42682	5.101	ug/L	100
48) 2-Hexanone	8.69	43	382445	50.714	ug/L	100
49) Dibromochloromethane	8.82	129	52602	4.764	ug/L	100
50) 1,2-Dibromoethane	8.93	107	44765	5.018	ug/L	100
51) Chlorobenzene	9.45	112	156310	5.154	ug/L	100
52) Ethylbenzene	9.57	91	262648	4.818	ug/L	100
53) m,p-Xylene	9.69	106	99793	5.097	ug/L	100
54) o-Xylene	10.10	106	96259	5.171	ug/L	100
55) Styrene	10.11	104	169722	5.219	ug/L	100
56) Isopropylbenzene	10.48	105	256288	5.064	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	61043	5.081	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	46033	4.912	ug/L	100
61) Bromoform	10.29	173	29705	4.604	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	125195	4.819	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	126615	4.831	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	119954	4.782	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	10135	3.956	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	85307	4.690	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	70685	4.581	ug/L	100
69) Naphthalene	14.08	128	121435	3.933	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	66099	4.650	ug/L	100

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

