

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100820\
 Data File : VU040558.D
 Acq On : 08 Oct 2020 13:20
 Operator : SY/MD
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Quant Time: Oct 09 01:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	11144	1.48	ug/L	0.00
7) Chloroethane-d5	1.92	69	8511	1.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	21274	1.25	ug/L	0.00
20) 2-Butanone-d5	4.67	46	30622	9.18	ug/L	0.00
24) Chloroform-d	5.08	84	19019	1.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	12084	1.21	ug/L	0.00
32) Benzene-d6	5.74	84	35247	1.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	11704	1.13	ug/L	0.00
41) Toluene-d8	7.91	98	30731	1.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	4320	1.00	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	20792	8.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10354	1.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	11759	1.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	11604	0.888 ug/L	99
3) Chloromethane	1.53	50	11563	0.912 ug/L	99
5) Vinyl chloride	1.61	62	12266	0.971 ug/L	99
6) Bromomethane	1.87	94	6363	1.015 ug/L	96
8) Chloroethane	1.94	64	7769	1.031 ug/L	89
9) Trichlorofluoromethane	2.15	101	17689	1.005 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	11102	0.987 ug/L	96
12) 1,1-Dichloroethene	2.59	96	9557	0.954 ug/L	88
13) Acetone	2.68	43	27937	10.132 ug/L	77
14) Carbon disulfide	2.81	76	27255	0.882 ug/L	97
15) Methyl Acetate	2.97	43	6497	0.993 ug/L	99
16) Methylene chloride	3.06	84	12697	1.004 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	25233	0.908 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	9802	0.952 ug/L	98
19) 1,1-Dichloroethane	3.89	63	20932	0.984 ug/L	94
21) 2-Butanone	4.75	43	42131	9.596 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	10148	0.893 ug/L	99
23) Bromochloromethane	5.00	128	5250	0.993 ug/L	95
25) Chloroform	5.11	83	21333	0.982 ug/L	98
27) 1,2-Dichloroethane	5.81	62	14794	0.980 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	17976	0.984 ug/L	99
30) Cyclohexane	5.40	56	14671	0.789 ug/L	98
31) Carbon tetrachloride	5.54	117	15093	0.961 ug/L	99
33) Benzene	5.79	78	41173	0.920 ug/L	100
34) Trichloroethene	6.56	95	10737	0.907 ug/L	95
35) Methylcyclohexane	6.77	83	13891	0.805 ug/L	96
37) 1,2-Dichloropropane	6.80	63	11442	0.909 ug/L	100
38) Bromodichloromethane	7.12	83	15146	0.980 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	14702	0.876 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	85230	8.690 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	40460	0.882	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	13319	0.855	ug/L	90
45) 1,1,2-Trichloroethane	8.41	97	9086	1.029	ug/L	94
47) Tetrachloroethene	8.56	164	7769	0.915	ug/L	96
48) 2-Hexanone	8.69	43	62894	8.647	ug/L	99
49) Dibromochloromethane	8.81	129	9719	0.941	ug/L	97
50) 1,2-Dibromoethane	8.93	107	8298	0.990	ug/L	95
51) Chlorobenzene	9.45	112	28297	0.955	ug/L	99
52) Ethylbenzene	9.57	91	42613	0.856	ug/L	99
53) m,p-Xylene	9.69	106	15263	0.823	ug/L	98
54) o-Xylene	10.10	106	14471	0.830	ug/L	93
55) Styrene	10.11	104	24449	0.805	ug/L	93
56) Isopropylbenzene	10.48	105	38225	0.813	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	11766	0.990	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	8837	0.978	ug/L	97
61) Bromoform	10.29	173	5492	0.985	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	20784	0.947	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	22213	0.972	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	21002	0.983	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	2014	1.040	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	14897	0.950	ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	9787	0.781	ug/L	99
69) Naphthalene	14.08	128	12850	0.605	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	8873	0.768	ug/L	96

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

