

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039001.D
 Acq On : 22 Jun 2020 13:05
 Operator : SY/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 11:01:07 AM

Quant Time: Jun 22 15:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 22 14:58:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11729	0.44	ug/L	0.00
7) Chloroethane-d5	1.93	69	9088	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	21989	0.45	ug/L	0.00
20) 2-Butanone-d5	4.67	46	37876	4.67	ug/L	0.00
24) Chloroform-d	5.10	84	22635	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	12737	0.47	ug/L	0.00
32) Benzene-d6	5.76	84	42106	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	14410	0.50	ug/L	0.00
41) Toluene-d8	7.92	98	33976	0.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5465	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	24827	4.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	11942	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	13580	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14537	0.488 ug/L	98
3) Chloromethane	1.53	50	8034	0.272 ug/L	98
5) Vinyl chloride	1.62	62	15874	0.516 ug/L	95
6) Bromomethane	1.87	94	3870	0.328 ug/L	88
8) Chloroethane	1.95	64	8351m	0.477 ug/L	
9) Trichlorofluoromethane	2.15	101	19292	0.482 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	10952	0.465 ug/L	97
12) 1,1-Dichloroethene	2.60	96	10677	0.495 ug/L	84
13) Acetone	2.67	43	28111	5.635 ug/L	95
14) Carbon disulfide	2.82	76	39027	0.531 ug/L	99
15) Methyl Acetate	2.99	43	6960	0.562 ug/L	98
16) Methylene chloride	3.07	84	14768	0.557 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	22626	0.396 ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	11651	0.511 ug/L	93
19) 1,1-Dichloroethane	3.91	63	23210	0.527 ug/L	94
21) 2-Butanone	4.75	43	40367	5.016 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	12212	0.505 ug/L	88
23) Bromochloromethane	5.01	128	6190	0.561 ug/L	90
25) Chloroform	5.12	83	24424	0.563 ug/L	97
27) 1,2-Dichloroethane	5.83	62	16882	0.540 ug/L	# 94
29) 1,1,1-Trichloroethane	5.35	97	19325	0.509 ug/L	99
30) Cyclohexane	5.42	56	17318	0.462 ug/L	94
31) Carbon tetrachloride	5.56	117	16413	0.515 ug/L	99
33) Benzene	5.81	78	47852	0.499 ug/L	100
34) Trichloroethene	6.57	95	12605	0.526 ug/L	99
35) Methylcyclohexane	6.79	83	16313	0.442 ug/L	95
37) 1,2-Dichloropropane	6.82	63	13136	0.508 ug/L	# 95
38) Bromodichloromethane	7.13	83	16353	0.486 ug/L	# 98
39) cis-1,3-Dichloropropene	7.63	75	18185	0.445 ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	90474	4.127 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	45778	0.427	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	15392	0.430	ug/L	86
45) 1,1,2-Trichloroethane	8.42	97	10175	0.498	ug/L	94
47) Tetrachloroethene	8.57	164	8478	0.465	ug/L	98
48) 2-Hexanone	8.71	43	68303	4.651	ug/L	95
49) Dibromochloromethane	8.83	129	10502	0.476	ug/L	97
50) 1,2-Dibromoethane	8.94	107	9281	0.490	ug/L #	93
51) Chlorobenzene	9.47	112	31948	0.512	ug/L	94
52) Ethylbenzene	9.59	91	49394	0.460	ug/L	99
53) m,p-Xylene	9.71	106	17491	0.433	ug/L	95
54) o-Xylene	10.12	106	16858	0.430	ug/L	89
55) Styrene	10.13	104	25639	0.381	ug/L	90
56) Isopropylbenzene	10.50	105	44160	0.434	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	13095	0.522	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	9827	0.528	ug/L	99
61) Bromoform	10.31	173	5581	0.487	ug/L #	97
62) 1,3-Dichlorobenzene	11.76	146	23343	0.510	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	24198	0.514	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	22931	0.522	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.01	75	2317	0.565	ug/L #	58
67) 1,3,5-Trichlorobenzene	13.24	180	17412	0.497	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	13875	0.446	ug/L	100
69) Naphthalene	14.11	128	26461	0.464	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	13443	0.453	ug/L	97

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

