

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041460.D
 Acq On : 04 Dec 2020 09:39
 Operator : SY/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:21:57 PM

Quant Time: Dec 05 05:05:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 04:54:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55928	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	1348	0.43	ug/L	0.00
7) Chloroethane-d5	1.92	69	1213	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	3327	0.45	ug/L	0.00
20) 2-Butanone-d5	4.65	46	4606	4.31	ug/L	0.00
24) Chloroform-d	5.08	84	3711	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	2671	0.50	ug/L	0.00
32) Benzene-d6	5.74	84	5523	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	1707	0.47	ug/L	0.00
41) Toluene-d8	7.91	98	5275	0.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	812	0.39	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	3341	4.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	1658	0.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	2347	0.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	2550	0.453 ug/L	94
3) Chloromethane	1.53	50	1689	0.471 ug/L	97
5) Vinyl chloride	1.61	62	1955	0.482 ug/L	94
6) Bromomethane	1.87	94	1331	0.478 ug/L	94
8) Chloroethane	1.94	64	1221	0.445 ug/L	88
9) Trichlorofluoromethane	2.15	101	4177	0.462 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1854	0.491 ug/L	96
12) 1,1-Dichloroethene	2.59	96	1654	0.496 ug/L	94
13) Acetone	2.67	43	4484m	5.397 ug/L	
14) Carbon disulfide	2.81	76	5125	0.543 ug/L	96
15) Methyl Acetate	2.97	43	725	0.421 ug/L #	56
16) Methylene chloride	3.06	84	3112	0.648 ug/L	90
17) Methyl tert-butyl Ether	3.38	73	4625	0.439 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	1528	0.439 ug/L	89
19) 1,1-Dichloroethane	3.89	63	2977	0.446 ug/L	93
21) 2-Butanone	4.74	43	4505	4.125 ug/L	86
22) cis-1,2-Dichloroethene	4.68	96	1746	0.456 ug/L	95
23) Bromochloromethane	4.99	128	926	0.472 ug/L	90
25) Chloroform	5.11	83	4037	0.487 ug/L	90
27) 1,2-Dichloroethane	5.81	62	2877	0.448 ug/L #	79
29) 1,1,1-Trichloroethane	5.33	97	3768	0.463 ug/L	97
30) Cyclohexane	5.40	56	2312	0.470 ug/L #	91
31) Carbon tetrachloride	5.53	117	3540	0.483 ug/L	100
33) Benzene	5.79	78	6700	0.472 ug/L	100
34) Trichloroethene	6.55	95	1992	0.475 ug/L	89
35) Methylcyclohexane	6.77	83	2283	0.412 ug/L	90
37) 1,2-Dichloropropane	6.80	63	1478	0.416 ug/L #	84
38) Bromodichloromethane	7.11	83	2836	0.465 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	2603	0.448 ug/L	94
40) 4-Methyl-2-pentanone	7.80	43	10425	4.002 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.97	91	6959	0.447	ug/L	95
44) trans-1,3-Dichloropropene	8.22	75	2516	0.415	ug/L #	79
45) 1,1,2-Trichloroethane	8.40	97	1510	0.491	ug/L	96
47) Tetrachloroethene	8.56	164	1533	0.485	ug/L	93
48) 2-Hexanone	8.69	43	8436	4.205	ug/L	97
49) Dibromochloromethane	8.81	129	1976	0.461	ug/L	90
50) 1,2-Dibromoethane	8.93	107	1617	0.533	ug/L #	97
51) Chlorobenzene	9.45	112	4914	0.464	ug/L	98
52) Ethylbenzene	9.57	91	8040	0.443	ug/L	95
53) m,p-Xylene	9.69	106	2810	0.423	ug/L	96
54) o-Xylene	10.10	106	2858	0.457	ug/L	92
55) Styrene	10.11	104	4223	0.376	ug/L	98
56) Isopropylbenzene	10.48	105	7646	0.425	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	1723	0.442	ug/L	89
59) 1,2,3-Trichloropropane	10.82	75	1393	0.429	ug/L	99
61) Bromoform	10.29	173	1188	0.477	ug/L #	92
62) 1,3-Dichlorobenzene	11.74	146	3795	0.444	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	4056	0.472	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	3739	0.448	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	292	0.357	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	2902	0.439	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	2165	0.405	ug/L	98
69) Naphthalene	14.08	128	2610	0.294	ug/L #	92
70) 1,2,3-Trichlorobenzene	14.32	180	1999	0.403	ug/L #	91

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

