

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037495.D
 Acq On : 31 Mar 2020 12:13
 Operator : JC/MD
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Mar 31 12:36:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 10:58:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	91383	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	83615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32366	4.80	ug/L	0.00
7) Chloroethane-d5	1.93	69	26850	5.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	63142	4.79	ug/L	0.00
20) 2-Butanone-d5	4.68	46	100397	54.60	ug/L	0.02
24) Chloroform-d	5.11	84	63097	4.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	33670	4.59	ug/L	0.00
32) Benzene-d6	5.76	84	124215	5.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	40237	5.03	ug/L	0.00
41) Toluene-d8	7.92	98	114481	5.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	17962	4.78	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	83542	55.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34264	5.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	40060	4.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	31906	4.161 ug/L	97
3) Chloromethane	1.53	50	32613	4.798 ug/L	100
5) Vinyl chloride	1.62	62	35224	4.924 ug/L	95
6) Bromomethane	1.87	94	18067	4.482 ug/L	95
8) Chloroethane	1.95	64	20471	5.130 ug/L	92
9) Trichlorofluoromethane	2.16	101	49105	5.127 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	28134	4.821 ug/L	96
12) 1,1-Dichloroethene	2.61	96	29151	4.850 ug/L	89
13) Acetone	2.68	43	55289	52.335 ug/L	98
14) Carbon disulfide	2.82	76	96741	4.705 ug/L	99
15) Methyl Acetate	2.99	43	14259	4.831 ug/L	95
16) Methylene chloride	3.08	84	31939	4.755 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	80570	4.926 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	31069	4.943 ug/L	94
19) 1,1-Dichloroethane	3.91	63	57610	4.905 ug/L	96
21) 2-Butanone	4.76	43	96951	53.982 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	33671	4.781 ug/L	97
23) Bromochloromethane	5.02	128	14294	4.594 ug/L	91
25) Chloroform	5.13	83	58056	4.698 ug/L	98
27) 1,2-Dichloroethane	5.83	62	38694	4.687 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	51537	4.904 ug/L	100
30) Cyclohexane	5.42	56	56156	5.214 ug/L	97
31) Carbon tetrachloride	5.56	117	42045	4.633 ug/L	100
33) Benzene	5.81	78	126479	5.108 ug/L	100
34) Trichloroethene	6.57	95	33967	4.816 ug/L	95
35) Methylcyclohexane	6.79	83	54673	4.898 ug/L	99
37) 1,2-Dichloropropane	6.82	63	33839	5.286 ug/L	99
38) Bromodichloromethane	7.14	83	45079	5.150 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	52449	5.025 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	248263	58.254 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	135253	5.069	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	46635	4.998	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	24148	5.044	ug/L	97
47) Tetrachloroethene	8.58	164	21976	4.524	ug/L	98
48) 2-Hexanone	8.71	43	179931	58.575	ug/L	98
49) Dibromochloromethane	8.83	129	29792	5.042	ug/L	93
50) 1,2-Dibromoethane	8.95	107	23709	5.102	ug/L	92
51) Chlorobenzene	9.47	112	83904	4.551	ug/L	100
52) Ethylbenzene	9.59	91	155421	5.075	ug/L	99
53) m,p-Xylene	9.71	106	57727	4.989	ug/L	99
54) o-Xylene	10.12	106	56115	4.969	ug/L	98
55) Styrene	10.13	104	96704	5.011	ug/L	100
56) Isopropylbenzene	10.50	105	148468	4.934	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	32991	5.398	ug/L	94
59) 1,2,3-Trichloropropane	10.84	75	23256	5.223	ug/L	97
61) Bromoform	10.31	173	16021	4.622	ug/L #	98
62) 1,3-Dichlorobenzene	11.76	146	62779	4.682	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	64293	4.490	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	60895	4.704	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	6213	5.455	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	45234	4.350	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	42360	4.225	ug/L	94
69) Naphthalene	14.11	128	97357	5.002	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	38618	4.283	ug/L	96

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

