

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037414.D
 Acq On : 28 Mar 2020 12:05
 Operator : JC/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Mar 28 12:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 28 11:41:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	120867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	113525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	173033	21.65	ug/L	0.00
7) Chloroethane-d5	1.93	69	113475	17.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	348568	22.20	ug/L	0.00
20) 2-Butanone-d5	4.67	46	488669	256.91	ug/L	0.00
24) Chloroform-d	5.10	84	347566	21.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	186390	19.66	ug/L	0.00
32) Benzene-d6	5.76	84	658339	23.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	212908	24.52	ug/L	0.00
41) Toluene-d8	7.93	98	623265	22.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	98364	24.83	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	411952	278.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	175034	24.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	226882	20.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	195944	14.609	ug/L 99
3) Chloromethane	1.53	50	174327	12.888	ug/L 100
5) Vinyl chloride	1.61	62	185607	15.500	ug/L 99
6) Bromomethane	1.87	94	91312	19.009	ug/L 99
8) Chloroethane	1.94	64	82843	12.481	ug/L 95
9) Trichlorofluoromethane	2.15	101	254928	14.011	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	154330	18.297	ug/L 98
12) 1,1-Dichloroethene	2.60	96	152330	19.497	ug/L 97
13) Acetone	2.67	43	266832	199.882	ug/L 99
14) Carbon disulfide	2.82	76	532943	19.780	ug/L 99
15) Methyl Acetate	2.98	43	71958	20.422	ug/L 99
16) Methylene chloride	3.08	84	165748	19.213	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	430044	20.819	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	167076	20.127	ug/L 99
19) 1,1-Dichloroethane	3.91	63	308699	19.354	ug/L 96
21) 2-Butanone	4.75	43	471820	208.685	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	180612	19.954	ug/L # 98
23) Bromochloromethane	5.02	128	81880	19.692	ug/L 94
25) Chloroform	5.13	83	311189	17.542	ug/L 98
27) 1,2-Dichloroethane	5.83	62	212034	17.551	ug/L 97
29) 1,1,1-Trichloroethane	5.35	97	288596	19.020	ug/L 99
30) Cyclohexane	5.42	56	287288	22.285	ug/L 98
31) Carbon tetrachloride	5.56	117	251343	19.102	ug/L 99
33) Benzene	5.81	78	672204	20.717	ug/L 100
34) Trichloroethene	6.57	95	185217	20.767	ug/L 97
35) Methylcyclohexane	6.79	83	294931	22.322	ug/L 98
37) 1,2-Dichloropropane	6.82	63	175980	20.704	ug/L 99
38) Bromodichloromethane	7.14	83	240916	20.657	ug/L 97
39) cis-1,3-Dichloropropene	7.63	75	292806	23.251	ug/L 97
40) 4-Methyl-2-pentanone	7.82	43	1157781	217.248	ug/L 100

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42) Toluene	8.00	91	732019	20.851	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	255281	22.181	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	125434	20.526	ug/L	95
47) Tetrachloroethene	8.57	164	136492	18.924	ug/L	98
48) 2-Hexanone	8.71	43	837967	220.672	ug/L	99
49) Dibromochloromethane	8.84	129	166385	20.810	ug/L	100
50) 1,2-Dibromoethane	8.95	107	127130	21.187	ug/L	96
51) Chlorobenzene	9.47	112	463387	20.369	ug/L	99
52) Ethylbenzene	9.59	91	832263	21.236	ug/L	99
53) m,p-Xylene	9.71	106	316076	22.105	ug/L	100
54) o-Xylene	10.12	106	308802	22.108	ug/L	97
55) Styrene	10.13	104	534500	22.960	ug/L	98
56) Isopropylbenzene	10.50	105	820437	21.292	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	164758	21.450	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	118930	20.869	ug/L	96
61) Bromoform	10.31	173	103589	20.770	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	375394	19.864	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	376551	19.715	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	350216	19.292	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	34607	24.790	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	294793	21.066	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	276388	26.959	ug/L	99
69) Naphthalene	14.11	128	549520	39.050	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	249300	25.721	ug/L	98

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

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