

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016194.D
 Acq On : 26 May 2020 16:12
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: May 27 02:03:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 02:00:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101709	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	99362	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	50455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66114	11.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	56170	10.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	124029	10.29	ug/L	0.00
20) 2-Butanone-d5	3.95	46	174583	110.67	ug/L	-0.02
24) Chloroform-d	4.38	84	132830	10.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	68538	9.91	ug/L	0.00
32) Benzene-d6	5.07	84	251153	10.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	78054	10.75	ug/L	0.00
41) Toluene-d8	7.34	98	242772	10.72	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.65	79	31179	10.87	ug/L	0.00
48) 2-Hexanone-d5	8.12	63	141007	112.20	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	55856	10.72	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	83466	10.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	90976	11.218 ug/L	99
3) Chloromethane	1.25	50	97257	11.650 ug/L	100
5) Vinyl chloride	1.32	62	90625	11.466 ug/L	98
6) Bromomethane	1.53	94	51295	11.378 ug/L	99
8) Chloroethane	1.60	64	50936	9.215 ug/L	99
9) Trichlorofluoromethane	1.77	101	118281	11.047 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	64305	10.651 ug/L	99
12) 1,1-Dichloroethene	2.14	96	60888	10.594 ug/L	96
13) Acetone	2.23	43	101268	97.623 ug/L	90
14) Carbon disulfide	2.31	76	194511	10.398 ug/L	100
15) Methyl Acetate	2.46	43	26398	10.664 ug/L	100
16) Methylene chloride	2.53	84	63815	9.388 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	149536	10.116 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	65358	10.345 ug/L	95
19) 1,1-Dichloroethane	3.21	63	132890	11.020 ug/L	100
21) 2-Butanone	4.04	43	186477	113.739 ug/L	89
22) cis-1,2-Dichloroethene	3.94	96	75024	11.155 ug/L	100
23) Bromochloromethane	4.28	128	30688	10.872 ug/L	91
25) Chloroform	4.41	83	134994	10.176 ug/L	99
27) 1,2-Dichloroethane	5.16	62	87588	10.552 ug/L	# 95
29) 1,1,1-Trichloroethane	4.63	97	122890	10.938 ug/L	99
30) Cyclohexane	4.70	56	131588	11.533 ug/L	99
31) Carbon tetrachloride	4.85	117	103141	10.648 ug/L	98
33) Benzene	5.13	78	292310	11.258 ug/L	100
34) Trichloroethene	5.94	95	76049	10.481 ug/L	98
35) Methylcyclohexane	6.15	83	131220	11.684 ug/L	99
37) 1,2-Dichloropropane	6.20	63	72442	10.975 ug/L	# 97
38) Bromodichloromethane	6.53	83	91934	11.148 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	108255	11.694 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	461425	112.870 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	321124	11.633	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	311603	12.206	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	318323	12.458	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	91653	11.719	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	48322	11.010	ug/L	97
49) Tetrachloroethene	8.00	164	56340	11.002	ug/L	99
50) 2-Hexanone	8.17	43	334307	116.319	ug/L	99
51) Dibromochloromethane	8.27	129	53712	11.132	ug/L	97
52) 1,2-Dibromoethane	8.38	107	46306	11.419	ug/L	95
53) Chlorobenzene	8.90	112	198726	11.240	ug/L	99
54) Ethylbenzene	9.03	91	368699	11.709	ug/L	98
55) m,p-xylene	9.16	106	139489	11.983	ug/L	97
56) o-xylene	9.56	106	131955	11.861	ug/L	100
57) Styrene	9.58	104	228232	12.264	ug/L	99
58) Isopropylbenzene	9.95	105	363995	11.941	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	58736	12.205	ug/L	100
62) Bromoform	9.75	173	23624	10.099	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	157873	11.217	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	156700	11.021	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	143363	11.229	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	10078	11.910	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	112880	11.015	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	99230	11.217	ug/L	99
70) Naphthalene	13.53	128	195417	13.204	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	87761	11.241	ug/L	99

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

