

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016195.D
 Acq On : 26 May 2020 16:36
 Operator : SY/MD
 Sample : VSTD02036
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02036

Quant Time: May 27 02:04:17 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	105169	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	103120	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	52097	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132531	22.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	113462	20.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	242084	19.43	ug/L	0.00
20) 2-Butanone-d5	3.96	46	364029	223.17	ug/L	0.00
24) Chloroform-d	4.38	84	275114	21.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	141644	19.81	ug/L	0.00
32) Benzene-d6	5.07	84	523980	21.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	161193	21.38	ug/L	0.00
41) Toluene-d8	7.34	98	507433	21.60	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	67236	22.59	ug/L	0.00
48) 2-Hexanone-d5	8.12	63	306114	234.70	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	120125	22.21	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	175676	20.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	195064	23.262	ug/L 100
3) Chloromethane	1.25	50	198668	23.014	ug/L 99
5) Vinyl chloride	1.32	62	185386	22.683	ug/L 98
6) Bromomethane	1.53	94	107365	23.033	ug/L 97
8) Chloroethane	1.60	64	103459	18.102	ug/L 98
9) Trichlorofluoromethane	1.77	101	244937	22.123	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	127255	20.384	ug/L 97
12) 1,1-Dichloroethene	2.13	96	118067	19.866	ug/L 90
13) Acetone	2.24	43	200344	186.779	ug/L 91
14) Carbon disulfide	2.31	76	385992	19.955	ug/L 99
15) Methyl Acetate	2.46	43	55015	21.493	ug/L 99
16) Methylene chloride	2.52	84	126265	17.964	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	307389	20.111	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	131630	20.149	ug/L 95
19) 1,1-Dichloroethane	3.21	63	270648	21.705	ug/L 99
21) 2-Butanone	4.05	43	411089	242.488	ug/L 92
22) cis-1,2-Dichloroethene	3.94	96	158603	22.807	ug/L 96
23) Bromochloromethane	4.27	128	64012	21.932	ug/L 93
25) Chloroform	4.40	83	282394	20.587	ug/L 98
27) 1,2-Dichloroethane	5.16	62	184369	21.482	ug/L # 96
29) 1,1,1-Trichloroethane	4.63	97	256446	21.994	ug/L 99
30) Cyclohexane	4.70	56	278571	23.525	ug/L 99
31) Carbon tetrachloride	4.85	117	218559	21.742	ug/L 97
33) Benzene	5.12	78	615616	22.845	ug/L 100
34) Trichloroethene	5.94	95	160154	21.268	ug/L 98
35) Methylcyclohexane	6.15	83	280691	24.082	ug/L 99
37) 1,2-Dichloropropane	6.20	63	153454	22.402	ug/L 99
38) Bromodichloromethane	6.53	83	196130	22.916	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	236882	24.657	ug/L 99
40) 4-Methyl-2-pentanone	7.26	43	990802	233.529	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	680372	23.750	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	666008	25.137	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	683525	25.775	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	201209	24.789	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	103104	22.636	ug/L	98
49) Tetrachloroethene	8.00	164	118391	22.277	ug/L	98
50) 2-Hexanone	8.17	43	711344	238.486	ug/L	99
51) Dibromochloromethane	8.27	129	119031	23.771	ug/L	99
52) 1,2-Dibromoethane	8.38	107	97821	23.243	ug/L	96
53) Chlorobenzene	8.90	112	424202	23.119	ug/L	98
54) Ethylbenzene	9.03	91	783688	23.981	ug/L	100
55) m,p-xylene	9.16	106	293095	24.262	ug/L	98
56) o-xylene	9.57	106	283141	24.524	ug/L	95
57) Styrene	9.58	104	484713	25.097	ug/L	99
58) Isopropylbenzene	9.95	105	776388	24.540	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	127340	25.496	ug/L	100
62) Bromoform	9.75	173	55726	23.072	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	337787	23.244	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	332890	22.675	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	303084	22.992	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	22143	25.344	ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	246307	23.278	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	217913	23.856	ug/L	99
70) Naphthalene	13.52	128	430108	28.145	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	194579	24.137	ug/L	98

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

