

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010220\
 Data File : VV014246.D
 Acq On : 02 Jan 2020 13:53
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Quant Time: Jan 02 17:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 02 17:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	871373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	785596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	364866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32708	0.72	ug/L	0.00
7) Chloroethane-d5	1.58	69	27337	0.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	49056	0.63	ug/L	0.00
20) 2-Butanone-d5	3.98	46	71058	6.32	ug/L	0.03
24) Chloroform-d	4.40	84	60527	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	31905	0.61	ug/L	0.00
32) Benzene-d6	5.10	84	121381	0.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	36615	0.55	ug/L	0.00
41) Toluene-d8	7.36	98	113992	0.56	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	16322	0.54	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	69409	5.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25639	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	37284	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	32587	0.487 ug/L	97
3) Chloromethane	1.25	50	35232	0.570 ug/L	95
5) Vinyl chloride	1.32	62	33742	0.575 ug/L	95
6) Bromomethane	1.54	94	19291	0.682 ug/L	94
8) Chloroethane	1.60	64	19089	0.608 ug/L	95
9) Trichlorofluoromethane	1.77	101	37622	0.507 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	21737	0.541 ug/L	96
12) 1,1-Dichloroethene	2.14	96	21694	0.550 ug/L	96
13) Acetone	2.23	43	64069	9.262 ug/L	98
14) Carbon disulfide	2.32	76	92108	0.540 ug/L	98
15) Methyl Acetate	2.48	43	11297	0.517 ug/L #	80
16) Methylene chloride	2.54	84	38566	0.592 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	74818	0.514 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	31288	0.517 ug/L	95
19) 1,1-Dichloroethane	3.23	63	60792	0.537 ug/L	98
21) 2-Butanone	4.06	43	74645	6.011 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	33219	0.504 ug/L #	99
23) Bromochloromethane	4.30	128	13061	0.511 ug/L	90
25) Chloroform	4.42	83	59310	0.526 ug/L	95
27) 1,2-Dichloroethane	5.19	62	33605	0.520 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	49071	0.513 ug/L	96
30) Cyclohexane	4.72	56	52090	0.493 ug/L	94
31) Carbon tetrachloride	4.88	117	41825	0.511 ug/L	97
33) Benzene	5.15	78	128848	0.528 ug/L	100
34) Trichloroethene	5.96	95	32853	0.508 ug/L	94
35) Methylcyclohexane	6.17	83	51113	0.469 ug/L	97
37) 1,2-Dichloropropane	6.22	63	34132	0.575 ug/L #	92
38) Bromodichloromethane	6.55	83	41601	0.525 ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	52565	0.538 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	208692	5.568 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	139636	0.523	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	39211	0.511	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	20717	0.514	ug/L	95
47) Tetrachloroethene	8.02	164	22804	0.504	ug/L	95
48) 2-Hexanone	8.19	43	135951	5.242	ug/L	100
49) Dibromochloromethane	8.29	129	26861	0.524	ug/L	92
50) 1,2-Dibromoethane	8.39	107	19942	0.512	ug/L	98
51) Chlorobenzene	8.92	112	86957	0.528	ug/L	99
52) Ethylbenzene	9.05	91	154237	0.520	ug/L	96
53) m,p-xylene	9.18	106	55353	0.498	ug/L	95
54) o-xylene	9.58	106	55641	0.514	ug/L	94
55) Styrene	9.60	104	96666	0.530	ug/L	97
56) Isopropylbenzene	9.97	105	142719	0.501	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	26175	0.532	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	19774	0.541	ug/L	96
61) Bromoform	9.77	173	12490	0.470	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	61707	0.513	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	61556	0.512	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	54213	0.493	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	5044	0.544	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	45482	0.519	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	38804	0.504	ug/L	99
69) Naphthalene	13.55	128	76661	0.535	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	33263	0.494	ug/L	97

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

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