

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012920\
 Data File : VV014424.D
 Acq On : 29 Jan 2020 14:52
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.536

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:37:37 AM

Quant Time: Jan 30 01:00:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 30 00:51:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228206	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6784	0.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	5312	0.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	9715	0.43	ug/L	0.00
20) 2-Butanone-d5	3.98	46	11423m	3.17	ug/L	0.03
24) Chloroform-d	4.40	84	14249	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6260	0.42	ug/L	0.00
32) Benzene-d6	5.10	84	28252	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	8736	0.46	ug/L	0.00
41) Toluene-d8	7.36	98	26965	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	3578	0.43	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	12068	3.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	5916	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	9053	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8769	0.506 ug/L	99
3) Chloromethane	1.25	50	7076	0.432 ug/L	99
5) Vinyl chloride	1.32	62	6996	0.453 ug/L	99
6) Bromomethane	1.54	94	2257	0.277 ug/L	96
8) Chloroethane	1.60	64	3642	0.423 ug/L	92
9) Trichlorofluoromethane	1.77	101	9187	0.492 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5118	0.510 ug/L	98
12) 1,1-Dichloroethene	2.14	96	4597	0.466 ug/L #	80
13) Acetone	2.21	43	8473	3.365 ug/L	92
14) Carbon disulfide	2.32	76	21937	0.482 ug/L	100
15) Methyl Acetate	2.48	43	1606	0.279 ug/L #	84
16) Methylene chloride	2.53	84	11136	0.668 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	15343	0.419 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	7520	0.489 ug/L	100
19) 1,1-Dichloroethane	3.23	63	13445	0.451 ug/L	96
21) 2-Butanone	4.07	43	13636m	3.602 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	7850	0.465 ug/L	91
23) Bromochloromethane	4.30	128	2888	0.454 ug/L	91
25) Chloroform	4.42	83	14181	0.492 ug/L	98
27) 1,2-Dichloroethane	5.18	62	7676	0.455 ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	11660	0.471 ug/L	98
30) Cyclohexane	4.72	56	13043	0.477 ug/L	97
31) Carbon tetrachloride	4.87	117	9597	0.454 ug/L	98
33) Benzene	5.14	78	30185	0.468 ug/L	100
34) Trichloroethene	5.96	95	8064	0.486 ug/L	97
35) Methylcyclohexane	6.17	83	13789	0.508 ug/L	97
37) 1,2-Dichloropropane	6.22	63	7504	0.464 ug/L	98
38) Bromodichloromethane	6.55	83	9017	0.436 ug/L	88
39) cis-1,3-Dichloropropene	7.07	75	10825	0.419 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	41220	4.144 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	32487	0.477	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	8254	0.420	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	5141	0.495	ug/L	90
47) Tetrachloroethene	8.01	164	6245	0.547	ug/L	86
48) 2-Hexanone	8.19	43	27067	3.939	ug/L	98
49) Dibromochloromethane	8.29	129	5799	0.447	ug/L	94
50) 1,2-Dibromoethane	8.40	107	4484	0.450	ug/L #	91
51) Chlorobenzene	8.92	112	21003	0.501	ug/L	98
52) Ethylbenzene	9.05	91	36338	0.478	ug/L	97
53) m,p-xylene	9.18	106	13316	0.472	ug/L	92
54) o-xylene	9.58	106	13662	0.493	ug/L	96
55) Styrene	9.60	104	21201	0.455	ug/L	98
56) Isopropylbenzene	9.97	105	34652	0.481	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	5623	0.445	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	4216	0.442	ug/L	96
61) Bromoform	9.77	173	2718	0.413	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	15280	0.490	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	15131	0.488	ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	14030	0.497	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.47	75	1363	0.545	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	11104	0.489	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	8759	0.442	ug/L	99
69) Naphthalene	13.55	128	14924	0.381	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	7598	0.438	ug/L	93

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

