

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014304.D
 Acq On : 15 Jan 2020 09:22
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5361

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:51:35 AM

Quant Time: Jan 16 01:58:31 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M

Quant Title : TRACE VOA SFAM1.0

QLast Update : Thu Jan 16 01:51:39 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	938128	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	845074	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	393215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29884	0.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	23773	0.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	47342	0.50	ug/L	0.00
20) 2-Butanone-d5	4.00	46	62549m	5.09	ug/L	0.04
24) Chloroform-d	4.40	84	61894	0.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	28971	0.48	ug/L	0.00
32) Benzene-d6	5.10	84	120230	0.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	36954	0.60	ug/L	0.00
41) Toluene-d8	7.36	98	110993	0.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	15671	0.59	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	54322	5.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	24741	0.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	33975	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	37153	0.370 ug/L	99
3) Chloromethane	1.26	50	36287	0.569 ug/L	99
5) Vinyl chloride	1.33	62	32971	0.518 ug/L	94
6) Bromomethane	1.54	94	18033	0.482 ug/L	93
8) Chloroethane	1.60	64	16075	0.466 ug/L	100
9) Trichlorofluoromethane	1.77	101	42065	0.411 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	22080	0.476 ug/L	96
12) 1,1-Dichloroethene	2.14	96	20414	0.473 ug/L #	81
13) Acetone	2.24	43	67028	9.612 ug/L	80
14) Carbon disulfide	2.32	76	102025	0.750 ug/L	100
15) Methyl Acetate	2.48	43	8174	0.511 ug/L #	71
16) Methylene chloride	2.54	84	58796	1.157 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	67745	0.490 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	32716	0.521 ug/L	96
19) 1,1-Dichloroethane	3.23	63	59117	0.523 ug/L	98
21) 2-Butanone	4.07	43	75849	5.604 ug/L #	63
22) cis-1,2-Dichloroethene	3.96	96	32068	0.478 ug/L #	98
23) Bromochloromethane	4.30	128	12669	0.445 ug/L	91
25) Chloroform	4.42	83	54675	0.401 ug/L	98
27) 1,2-Dichloroethane	5.18	62	31087	0.411 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	49290	0.475 ug/L	100
30) Cyclohexane	4.72	56	59266	0.621 ug/L	98
31) Carbon tetrachloride	4.87	117	41521	0.451 ug/L	98
33) Benzene	5.14	78	128982	0.548 ug/L	100
34) Trichloroethene	5.96	95	33693	0.511 ug/L	99
35) Methylcyclohexane	6.17	83	59049	0.558 ug/L	99
37) 1,2-Dichloropropane	6.22	63	30939	0.561 ug/L	99
38) Bromodichloromethane	6.55	83	39004	0.511 ug/L #	97
39) cis-1,3-Dichloropropene	7.07	75	45580	0.526 ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	184769	5.830 ug/L	99

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

42) Toluene	7.43	91	139871	0.543	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	37590	0.543	ug/L	91
45) 1,1,2-Trichloroethane	7.88	97	19596	0.484	ug/L	97
47) Tetrachloroethene	8.02	164	22802	0.417	ug/L	89
48) 2-Hexanone	8.19	43	120594	5.408	ug/L	97
49) Dibromochloromethane	8.29	129	24045	0.485	ug/L	94
50) 1,2-Dibromoethane	8.40	107	16418	0.433	ug/L #	85
51) Chlorobenzene	8.92	112	84934	0.499	ug/L	98
52) Ethylbenzene	9.05	91	152528	0.518	ug/L	99
53) m,p-xylene	9.18	106	57957	0.524	ug/L	92
54) o-xylene	9.58	106	55342	0.522	ug/L	94
55) Styrene	9.60	104	88771	0.501	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.28	83	23509	0.525	ug/L #	98
59) Bromoform	9.77	173	11867	0.493	ug/L	97
60) Isopropylbenzene	9.97	105	145003	0.555	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	17185	0.564	ug/L	94
62) 1,3,5-Trimethylbenzene	10.58	105	119791	0.553	ug/L	98
63) 1,2,4-Trimethylbenzene	10.95	105	116982	0.546	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	60624	0.482	ug/L	97
65) 1,4-Dichlorobenzene	11.31	146	62660	0.493	ug/L	99
67) 1,2-Dichlorobenzene	11.69	146	55339	0.486	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.47	75	4987	0.770	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.69	180	43424	0.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	35490	0.435	ug/L	96
71) Naphthalene	13.55	128	62460	0.514	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.79	180	31094	0.432	ug/L	96

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

