

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013537.D
 Acq On : 08 Nov 2019 12:21
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:33:43 PM

Quant Time: Nov 08 22:06:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 21:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	494106	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	472493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	237384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9426	0.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	9143	0.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20034	0.48	ug/L	0.00
20) 2-Butanone-d5	3.97	46	30903	4.09	ug/L	0.02
24) Chloroform-d	4.40	84	24874	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	12794	0.44	ug/L	0.00
32) Benzene-d6	5.10	84	43410	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13900	0.40	ug/L	0.00
41) Toluene-d8	7.36	98	34870	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5318	0.39	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	16617	3.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	11579	0.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	21216	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24753	0.513 ug/L	97
3) Chloromethane	1.25	50	21629	0.519 ug/L	98
5) Vinyl chloride	1.32	62	20781	0.521 ug/L	99
6) Bromomethane	1.53	94	11325	0.541 ug/L	99
8) Chloroethane	1.60	64	12298	0.555 ug/L	89
9) Trichlorofluoromethane	1.77	101	29960	0.565 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	16666	0.559 ug/L	97
12) 1,1-Dichloroethene	2.14	96	16278	0.590 ug/L #	78
13) Acetone	2.23	43	25726m	5.885 ug/L	
14) Carbon disulfide	2.32	76	49759	0.587 ug/L	99
15) Methyl Acetate	2.47	43	5943	0.452 ug/L #	78
16) Methylene chloride	2.53	84	22348	0.571 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	38813	0.510 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	18669	0.525 ug/L	99
19) 1,1-Dichloroethane	3.23	63	36074	0.537 ug/L	97
21) 2-Butanone	4.05	43	32747	3.940 ug/L #	75
22) cis-1,2-Dichloroethene	3.96	96	19146	0.518 ug/L #	93
23) Bromochloromethane	4.30	128	9695	0.583 ug/L	89
25) Chloroform	4.42	83	43467	0.615 ug/L	97
27) 1,2-Dichloroethane	5.19	62	19278	0.487 ug/L #	95
29) 1,1,1-Trichloroethane	4.66	97	29989	0.528 ug/L	96
30) Cyclohexane	4.72	56	27778	0.471 ug/L	96
31) Carbon tetrachloride	4.87	117	25899	0.508 ug/L	98
33) Benzene	5.15	78	74490	0.524 ug/L	100
34) Trichloroethene	5.96	95	21450	0.560 ug/L	93
35) Methylcyclohexane	6.17	83	29280	0.492 ug/L	95
37) 1,2-Dichloropropane	6.22	63	17202	0.481 ug/L #	93
38) Bromodichloromethane	6.55	83	24588	0.538 ug/L #	95
39) cis-1,3-Dichloropropene	7.07	75	23799	0.493 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	93116	4.617 ug/L	95

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42) Toluene	7.43	91	70709	0.480	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	18602	0.483	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	12840	0.522	ug/L	93
47) Tetrachloroethene	8.02	164	17798	0.523	ug/L	96
48) 2-Hexanone	8.19	43	65570	4.651	ug/L	95
49) Dibromochloromethane	8.29	129	15136	0.498	ug/L	97
50) 1,2-Dibromoethane	8.40	107	11590	0.504	ug/L #	91
51) Chlorobenzene	8.92	112	52964	0.546	ug/L	99
52) Ethylbenzene	9.05	91	77635	0.492	ug/L	96
53) m,p-xylene	9.18	106	25873	0.438	ug/L	93
54) o-xylene	9.59	106	26058	0.466	ug/L	97
55) Styrene	9.60	104	42795	0.451	ug/L	100
56) Isopropylbenzene	9.97	105	69756	0.457	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	12100	0.465	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	10816	0.519	ug/L	92
61) Bromoform	9.77	173	8613	0.515	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	43315	0.570	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	45984	0.613	ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	41482	0.606	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	2003	0.546	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	34325	0.590	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	27868	0.633	ug/L	95
69) Naphthalene	13.55	128	36240	0.609	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	26844	0.652	ug/L	96

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

