

Data File : VR025742.D
Acq On : 17 Sep 2018 13:10
Operator : SY/MD
Sample : VSTD00106
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00106

Manual Integrations
APPROVED

MMDadoda
9/18/2018 7:00:13 PM

Quant Time: Sep 17 14:47:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 14:42:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	703600	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	587357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	215423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	43468	1.42	ug/L	0.01
7) Chloroethane-d5	2.63	69	37302	1.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	102537	1.23	ug/L	0.01
20) 2-Butanone-d5	6.59	46	25956	8.41	ug/L	0.00
24) Chloroform-d	7.20	84	90490	1.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	30974	1.31	ug/L	0.00
32) Benzene-d6	7.85	84	191144	1.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	50761	1.19	ug/L	0.00
41) Toluene-d8	9.97	98	171594	1.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	10489	0.99	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	23446	7.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	23629	1.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	37269	1.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	38975	1.086 ug/L	94
3) Chloromethane	2.01	50	47389	1.076 ug/L	95
5) Vinyl chloride	2.17	62	46896	1.071 ug/L	86
6) Bromomethane	2.52	94	34340	1.096 ug/L	84
8) Chloroethane	2.66	64	30532	1.188 ug/L #	81
9) Trichlorofluoromethane	2.94	101	86833m	1.076 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	48867	1.124 ug/L	93
12) 1,1-Dichloroethene	3.66	96	47681	1.039 ug/L	84
13) Acetone	3.70	43	18388	8.836 ug/L	93
14) Carbon disulfide	3.95	76	103063	0.952 ug/L	99
15) Methyl Acetate	4.20	43	7333	0.988 ug/L	96
16) Methylene chloride	4.40	84	44740	1.101 ug/L	95
17) Methyl tert-butyl Ether	4.89	73	55998	0.992 ug/L	95
18) trans-1,2-Dichloroethene	4.88	96	56951	1.015 ug/L	89
19) 1,1-Dichloroethane	5.68	63	94207	1.089 ug/L	92
21) 2-Butanone	6.70	43	40078	9.126 ug/L #	69
22) cis-1,2-Dichloroethene	6.68	96	44180	0.905 ug/L #	98
23) Bromochloromethane	7.04	128	17709	1.058 ug/L	95
25) Chloroform	7.23	83	88485	1.120 ug/L	94
27) 1,2-Dichloroethane	7.99	62	35006	1.122 ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	56737	0.970 ug/L	88
30) Cyclohexane	7.52	56	58016	0.825 ug/L	98
31) Carbon tetrachloride	7.63	117	59641	1.052 ug/L	97
33) Benzene	7.91	78	220489	1.054 ug/L	100
34) Trichloroethene	8.71	95	52824	1.042 ug/L	91
35) Methylcyclohexane	8.95	83	66886	0.854 ug/L	94
37) 1,2-Dichloropropane	9.00	63	51399	1.090 ug/L #	96
38) Bromodichloromethane	9.28	83	43240	1.021 ug/L	90
39) cis-1,3-Dichloropropene	9.72	75	39472	0.818 ug/L	90
40) 4-Methyl-2-pentanone	9.87	43	106300	9.116 ug/L	98

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42) Toluene	10.04	91	215031	1.004	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	27452	0.809	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	23071	1.044	ug/L	94
47) Tetrachloroethene	10.51	164	38751	0.933	ug/L	96
48) 2-Hexanone	10.63	43	83869	10.255	ug/L	97
49) Dibromochloromethane	10.78	129	23798	1.011	ug/L	100
50) 1,2-Dibromoethane	10.89	107	17327	0.987	ug/L #	96
51) Chlorobenzene	11.32	112	135604	1.007	ug/L	94
52) Ethylbenzene	11.39	91	228676	0.991	ug/L	100
53) m,p-Xylene	11.50	106	84420	0.909	ug/L	99
54) o-Xylene	11.83	106	69732	0.852	ug/L	96
55) Styrene	11.84	104	125143	0.950	ug/L	99
56) Isopropylbenzene	12.13	105	183664	0.901	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.39	83	22507	1.046	ug/L #	94
59) 1,2,3-Trichloropropane	12.43	75	16144	1.115	ug/L	96
61) Bromoform	12.01	173	9380	1.018	ug/L #	91
62) 1,3-Dichlorobenzene	13.16	146	64142	0.953	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	81457	1.064	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	61692	1.063	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.16	75	2182	1.278	ug/L	90
67) 1,3,5-Trichlorobenzene	14.29	180	38461	0.961	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	22533	0.918	ug/L	94
69) Naphthalene	15.00	128	22086	0.805	ug/L #	92
70) 1,2,3-Trichlorobenzene	15.18	180	18349	0.945	ug/L	91

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

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