

Data File : VR025745.D
Acq On : 17 Sep 2018 14:48
Operator : SY/MD
Sample : VSTD02009
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD02009

Manual Integrations
APPROVED

MMDadoda
9/18/2018 7:00:15 PM

Quant Time: Sep 17 15:20:30 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	898497	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	773951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	331740	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	839785	21.49	ug/L	0.00
7) Chloroethane-d5	2.62	69	669699	20.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	2220259	20.78	ug/L	-0.01
20) 2-Butanone-d5	6.59	46	833363	211.33	ug/L	0.00
24) Chloroform-d	7.20	84	1975892	22.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	670264	22.12	ug/L	0.00
32) Benzene-d6	7.86	84	4625235	22.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	1202222	21.33	ug/L	0.00
41) Toluene-d8	9.97	98	4359801	21.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	303718	21.83	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	938943	225.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	530386	21.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	979192	20.83	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	883529	19.283	ug/L	97
3) Chloromethane	2.01	50	992529	17.646	ug/L	96
5) Vinyl chloride	2.17	62	1030149	18.427	ug/L	96
6) Bromomethane	2.52	94	675107	16.871	ug/L	93
8) Chloroethane	2.65	64	583973	17.789	ug/L	100
9) Trichlorofluoromethane	2.93	101	1962636m	19.043	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	972791	17.516	ug/L	99
12) 1,1-Dichloroethene	3.63	96	1035558	17.667	ug/L	91
13) Acetone	3.70	43	441045	165.965	ug/L	92
14) Carbon disulfide	3.93	76	2961903	21.416	ug/L	97
15) Methyl Acetate	4.20	43	142659	15.057	ug/L	98
16) Methylene chloride	4.40	84	859156	16.555	ug/L	93
17) Methyl tert-butyl Ether	4.90	73	1407780	19.523	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	1413872	19.736	ug/L	98
19) 1,1-Dichloroethane	5.69	63	2254595	20.410	ug/L	98
21) 2-Butanone	6.69	43	1142031	203.635	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	1325212	21.262	ug/L #	98
23) Bromochloromethane	7.05	128	368735	17.245	ug/L	84
25) Chloroform	7.23	83	2012325	19.938	ug/L	97
27) 1,2-Dichloroethane	7.99	62	762296	19.140	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	1609727	20.879	ug/L	98
30) Cyclohexane	7.52	56	2196606	23.710	ug/L	98
31) Carbon tetrachloride	7.64	117	1526466	20.425	ug/L	99
33) Benzene	7.91	78	5587902	20.265	ug/L	100
34) Trichloroethene	8.71	95	1354684	20.271	ug/L	97
35) Methylcyclohexane	8.95	83	2314343	22.438	ug/L	99
37) 1,2-Dichloropropane	9.00	63	1180397	18.989	ug/L	98
38) Bromodichloromethane	9.28	83	1106469	19.821	ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	1396601	21.971	ug/L	94
40) 4-Methyl-2-pentanone	9.87	43	3127113	203.510	ug/L	94

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42) Toluene	10.04	91	5708027	20.224	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	963644	21.553	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	506732	17.402	ug/L	95
47) Tetrachloroethene	10.51	164	1020754	18.652	ug/L	96
48) 2-Hexanone	10.63	43	2122185	196.931	ug/L	96
49) Dibromochloromethane	10.79	129	632006	20.377	ug/L	96
50) 1,2-Dibromoethane	10.89	107	432360	18.692	ug/L #	98
51) Chlorobenzene	11.32	112	3336870	18.808	ug/L	96
52) Ethylbenzene	11.39	91	6270567	20.620	ug/L	93
53) m,p-Xylene	11.50	106	2684206	21.936	ug/L	93
54) o-Xylene	11.83	106	2428456	22.526	ug/L	96
55) Styrene	11.84	104	3720245	21.429	ug/L	92
56) Isopropylbenzene	12.13	105	6117424	22.772	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	544035	19.184	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	359744	18.860	ug/L	98
61) Bromoform	12.01	173	270225	19.038	ug/L	92
62) 1,3-Dichlorobenzene	13.16	146	2140790	20.659	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	2114513	17.941	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	1677563	18.765	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.14	75	47831	18.194	ug/L	89
67) 1,3,5-Trichlorobenzene	14.29	180	1260480	20.460	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	786816	20.822	ug/L	97
69) Naphthalene	15.00	128	1006749	23.816	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	562588	18.808	ug/L	99

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

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