

Data File : VR025743.D
Acq On : 17 Sep 2018 13:42
Operator : SY/MD
Sample : VSTD00507
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00507

Manual Integrations
APPROVED

MMDadoda
9/18/2018 7:00:14 PM

Quant Time: Sep 17 14:40:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 13:00:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	709973	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	625582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	263071	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	196102	6.35	ug/L	0.00
7) Chloroethane-d5	2.63	69	163775	6.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	501023	5.94	ug/L	0.00
20) 2-Butanone-d5	6.59	46	149439	47.96	ug/L	0.00
24) Chloroform-d	7.20	84	424175	6.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	146257	6.11	ug/L	0.00
32) Benzene-d6	7.85	84	983426	5.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	258970	5.69	ug/L	0.00
41) Toluene-d8	9.97	98	929005	5.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	56363	5.01	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	203450	60.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	119538	6.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	213694	5.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	198527	5.483 ug/L	100
3) Chloromethane	2.01	50	219341	4.935 ug/L	96
5) Vinyl chloride	2.17	62	231035	5.230 ug/L	92
6) Bromomethane	2.52	94	163392	5.167 ug/L	92
8) Chloroethane	2.66	64	137427	5.298 ug/L	100
9) Trichlorofluoromethane	2.94	101	437958m	5.378 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	235534	5.367 ug/L	100
12) 1,1-Dichloroethene	3.64	96	227099	4.903 ug/L	89
13) Acetone	3.70	43	92919	44.250 ug/L	91
14) Carbon disulfide	3.96	76	543700	4.975 ug/L #	94
15) Methyl Acetate	4.19	43	29166	3.896 ug/L	99
16) Methylene chloride	4.40	84	189924	4.631 ug/L	94
17) Methyl tert-butyl Ether	4.90	73	280429	4.922 ug/L	100
18) trans-1,2-Dichloroethene	4.89	96	284139	5.019 ug/L	95
19) 1,1-Dichloroethane	5.69	63	454181	5.203 ug/L	98
21) 2-Butanone	6.69	43	226495	51.110 ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	260351	5.286 ug/L	92
23) Bromochloromethane	7.05	128	81787	4.841 ug/L	93
25) Chloroform	7.23	83	407128	5.105 ug/L	93
27) 1,2-Dichloroethane	8.00	62	168297	5.348 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	315159	5.057 ug/L	97
30) Cyclohexane	7.52	56	452570	6.044 ug/L	96
31) Carbon tetrachloride	7.63	117	314992	5.214 ug/L	97
33) Benzene	7.91	78	1143852	5.132 ug/L	100
34) Trichloroethene	8.71	95	261054	4.833 ug/L	94
35) Methylcyclohexane	8.95	83	475221	5.700 ug/L	98
37) 1,2-Dichloropropane	9.00	63	246395	4.904 ug/L	98
38) Bromodichloromethane	9.28	83	223202	4.947 ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	267291	5.202 ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	696462	56.075 ug/L	98

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42) Toluene	10.04	91	1196703	5.246	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	178963	4.952	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	111053	4.718	ug/L	90
47) Tetrachloroethene	10.51	164	204544	4.624	ug/L	96
48) 2-Hexanone	10.63	43	491913	56.474	ug/L	98
49) Dibromochloromethane	10.79	129	125974	5.025	ug/L	94
50) 1,2-Dibromoethane	10.89	107	90006	4.814	ug/L #	92
51) Chlorobenzene	11.32	112	701355	4.891	ug/L	97
52) Ethylbenzene	11.39	91	1355972	5.516	ug/L	99
53) m,p-Xylene	11.50	106	516431	5.221	ug/L	95
54) o-Xylene	11.83	106	479501	5.503	ug/L	98
55) Styrene	11.84	104	785527	5.598	ug/L	98
56) Isopropylbenzene	12.13	105	1289384	5.938	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.39	83	119971	5.234	ug/L	96
59) 1,2,3-Trichloropropane	12.43	75	83058	5.387	ug/L	94
61) Bromoform	12.01	173	49294	4.379	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	412817	5.024	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	455098	4.869	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	363532	5.128	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	9743	4.673	ug/L	86
67) 1,3,5-Trichlorobenzene	14.29	180	241490	4.943	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	144236	4.813	ug/L	97
69) Naphthalene	15.00	128	163079	4.865	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	113423	4.782	ug/L	97

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

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