

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026264.D
 Acq On : 17 Dec 2018 14:31
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

apatel
 12/18/2018 4:37:49 PM

Quant Time: Dec 17 16:53:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 17 16:44:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	746320	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	567906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	189898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	23830	0.36	ug/L	0.00
7) Chloroethane-d5	2.62	69	23473	0.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	64501	0.40	ug/L	0.00
20) 2-Butanone-d5	6.58	46	16956	3.36	ug/L	0.00
24) Chloroform-d	7.20	84	47703	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	17271	0.39	ug/L	0.00
32) Benzene-d6	7.85	84	82038	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	21287	0.43	ug/L	0.00
41) Toluene-d8	9.97	98	67571	0.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	5718	0.42	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	7239	2.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	8234	0.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	13788	0.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	29652	0.578 ug/L #	87
3) Chloromethane	2.01	50	36208	0.512 ug/L	98
5) Vinyl chloride	2.17	62	38042	0.544 ug/L	92
6) Bromomethane	2.52	94	25251	0.540 ug/L	89
8) Chloroethane	2.66	64	23425	0.535 ug/L	95
9) Trichlorofluoromethane	2.94	101	54511m	0.483 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	30853	0.500 ug/L	98
12) 1,1-Dichloroethene	3.63	96	31837	0.477 ug/L	93
13) Acetone	3.70	43	22440	4.864 ug/L	94
14) Carbon disulfide	3.93	76	102444	0.609 ug/L	96
15) Methyl Acetate	4.19	43	5924	0.475 ug/L	98
16) Methylene chloride	4.40	84	31257	0.514 ug/L	84
17) Methyl tert-butyl Ether	4.89	73	22089	0.334 ug/L #	78
18) trans-1,2-Dichloroethene	4.89	96	27023	0.479 ug/L	96
19) 1,1-Dichloroethane	5.70	63	52555	0.511 ug/L	100
21) 2-Butanone	6.69	43	18634	3.166 ug/L	93
22) cis-1,2-Dichloroethene	6.67	96	21541	0.427 ug/L #	94
23) Bromochloromethane	7.05	128	7423	0.473 ug/L	76
25) Chloroform	7.23	83	48920	0.431 ug/L	92
27) 1,2-Dichloroethane	7.99	62	20099	0.431 ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	45407	0.578 ug/L	98
30) Cyclohexane	7.52	56	29555	0.438 ug/L	97
31) Carbon tetrachloride	7.64	117	40666	0.577 ug/L	98
33) Benzene	7.91	78	96317	0.468 ug/L	100
34) Trichloroethene	8.71	95	26685	0.499 ug/L	96
35) Methylcyclohexane	8.96	83	31222	0.432 ug/L	93
37) 1,2-Dichloropropane	9.00	63	21453	0.499 ug/L #	94
38) Bromodichloromethane	9.28	83	24476	0.482 ug/L #	97
39) cis-1,3-Dichloropropene	9.72	75	17834	0.369 ug/L #	80
40) 4-Methyl-2-pentanone	9.86	43	36827	2.993 ug/L	99

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42) Toluene	10.04	91	91552	0.410	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	13075	0.399	ug/L #	80
45) 1,1,2-Trichloroethane	10.45	97	8571	0.448	ug/L	92
47) Tetrachloroethene	10.51	164	19952	0.518	ug/L	96
48) 2-Hexanone	10.64	43	21503	2.611	ug/L	95
49) Dibromochloromethane	10.79	129	10478	0.456	ug/L	97
50) 1,2-Dibromoethane	10.89	107	7508	0.468	ug/L	73
51) Chlorobenzene	11.32	112	58724	0.473	ug/L	90
52) Ethylbenzene	11.39	91	102731	0.416	ug/L	96
53) m,p-Xylene	11.51	106	36668	0.408	ug/L	88
54) o-Xylene	11.83	106	26892	0.330	ug/L	99
55) Styrene	11.85	104	43088	0.332	ug/L	94
56) Isopropylbenzene	12.14	105	82967	0.367	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.38	83	8143	0.445	ug/L #	94
59) 1,2,3-Trichloropropane	12.43	75	5902	0.441	ug/L	99
61) Bromoform	12.02	173	3541	0.475	ug/L #	88
62) 1,3-Dichlorobenzene	13.16	146	25126	0.417	ug/L	84
63) 1,4-Dichlorobenzene	13.24	146	31425	0.473	ug/L	92
65) 1,2-Dichlorobenzene	13.54	146	21577	0.434	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	1083	0.584	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.30	180	16348	0.434	ug/L	95
68) 1,2,4-trichlorobenzene	14.79	180	8023	0.384	ug/L	93
69) Naphthalene	15.00	128	5873	0.287	ug/L #	93
70) 1,2,3-Trichlorobenzene	15.18	180	5564	0.359	ug/L #	93

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

