

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026265.D
 Acq On : 17 Dec 2018 15:04
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00182

Manual Integrations
 APPROVED

apatel
 12/18/2018 4:37:52 PM

Quant Time: Dec 17 16:56:23 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	648554	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	507191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	179369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	42475	0.74	ug/L	0.00
7) Chloroethane-d5	2.63	69	39905	0.82	ug/L	0.01
11) 1,1-Dichloroethene-d2	3.61	63	119873	0.86	ug/L	0.00
20) 2-Butanone-d5	6.59	46	32094	7.33	ug/L	0.00
24) Chloroform-d	7.20	84	86745	0.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	30018	0.78	ug/L	0.00
32) Benzene-d6	7.85	84	153591	0.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	40332	0.90	ug/L	0.00
41) Toluene-d8	9.97	98	135231	0.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	9599	0.79	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	15289	5.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	14537	0.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	28825	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	56302	1.263 ug/L	93
3) Chloromethane	2.01	50	70247	1.143 ug/L	99
5) Vinyl chloride	2.16	62	69836	1.149 ug/L	95
6) Bromomethane	2.53	94	50237	1.235 ug/L	83
8) Chloroethane	2.66	64	43306	1.138 ug/L	98
9) Trichlorofluoromethane	2.94	101	100520	1.025 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	56760	1.059 ug/L	98
12) 1,1-Dichloroethene	3.63	96	60330	1.041 ug/L	93
13) Acetone	3.70	43	42020	10.482 ug/L	67
14) Carbon disulfide	3.93	76	195011	1.334 ug/L	97
15) Methyl Acetate	4.19	43	11267	1.039 ug/L #	79
16) Methylene chloride	4.40	84	54722	1.035 ug/L	98
17) Methyl tert-butyl Ether	4.90	73	48403	0.843 ug/L	96
18) trans-1,2-Dichloroethene	4.89	96	49849	1.016 ug/L	86
19) 1,1-Dichloroethane	5.70	63	98741	1.105 ug/L	99
21) 2-Butanone	6.69	43	42594	8.327 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	43485	0.993 ug/L #	93
23) Bromochloromethane	7.06	128	14930	1.096 ug/L #	85
25) Chloroform	7.23	83	92724	0.940 ug/L	93
27) 1,2-Dichloroethane	7.99	62	40735	1.005 ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	84557	1.204 ug/L	93
30) Cyclohexane	7.52	56	64790	1.074 ug/L	100
31) Carbon tetrachloride	7.63	117	80209	1.275 ug/L	95
33) Benzene	7.91	78	210507	1.146 ug/L	100
34) Trichloroethene	8.71	95	53139	1.113 ug/L	95
35) Methylcyclohexane	8.96	83	67491	1.047 ug/L	96
37) 1,2-Dichloropropane	9.00	63	44293	1.153 ug/L #	96
38) Bromodichloromethane	9.28	83	49232	1.085 ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	39656	0.919 ug/L	90
40) 4-Methyl-2-pentanone	9.87	43	89448	8.139 ug/L	98

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42) Toluene	10.04	91	199877	1.002	ug/L	95
44) trans-1,3-Dichloropropene	10.26	75	28610	0.979	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	19218	1.126	ug/L	94
47) Tetrachloroethene	10.51	164	39054	1.134	ug/L	98
48) 2-Hexanone	10.63	43	58269	7.922	ug/L	97
49) Dibromochloromethane	10.79	129	22264	1.084	ug/L	95
50) 1,2-Dibromoethane	10.89	107	14614	1.020	ug/L	100
51) Chlorobenzene	11.32	112	117015	1.056	ug/L	97
52) Ethylbenzene	11.39	91	220563	1.001	ug/L	98
53) m,p-Xylene	11.51	106	77818	0.970	ug/L	98
54) o-Xylene	11.83	106	65382	0.899	ug/L	95
55) Styrene	11.85	104	98739	0.853	ug/L	95
56) Isopropylbenzene	12.13	105	185202	0.917	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	15396	0.942	ug/L #	97
59) 1,2,3-Trichloropropane	12.43	75	12980	1.086	ug/L	96
61) Bromoform	12.01	173	8113m	1.152	ug/L	
62) 1,3-Dichlorobenzene	13.16	146	56321	0.989	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	64624	1.029	ug/L	95
65) 1,2-Dichlorobenzene	13.54	146	49485	1.054	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.15	75	2053	1.172	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.30	180	34540	0.971	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	18290	0.926	ug/L	96
69) Naphthalene	15.01	128	12956	0.671	ug/L #	93
70) 1,2,3-Trichlorobenzene	15.18	180	12939	0.883	ug/L	99

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

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