

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR073018\
 Data File : VR025538.D
 Acq On : 30 Jul 2018 12:29
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00182

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 6:22:46 PM

Quant Time: Jul 30 15:11:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 15:00:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	646358	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	521646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	209960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	41836	2.35	ug/L	0.00
7) Chloroethane-d5	2.64	69	33017	2.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	93063	1.72	ug/L	0.00
20) 2-Butanone-d5	6.60	46	26832	4.85	ug/L	0.00
24) Chloroform-d	7.21	84	65835	0.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	20922	0.62	ug/L	0.00
32) Benzene-d6	7.86	84	140475	0.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	37444	0.74	ug/L	0.00
41) Toluene-d8	9.97	98	133060	0.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	8644	0.64	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	25263	5.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	16403	0.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	32986	0.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38000	1.04	ug/L	98
3) Chloromethane	2.02	50	50256	2.32	ug/L	95
5) Vinyl chloride	2.16	62	51142	2.63	ug/L	87
6) Bromomethane	2.53	94	25411	2.22	ug/L	85
8) Chloroethane	2.67	64	29322	2.42	ug/L	86
9) Trichlorofluoromethane	2.98	101	63693m	2.00	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	44745	2.31	ug/L	97
12) 1,1-Dichloroethene	3.66	96	47316	2.45	ug/L	88
13) Acetone	3.71	43	23312	9.35	ug/L	97
14) Carbon disulfide	3.97	76	101695	2.31	ug/L #	95
15) Methyl Acetate	4.21	43	7631	1.37	ug/L #	77
16) Methylene chloride	4.41	84	42699m	2.26	ug/L	
17) Methyl tert-butyl Ether	4.91	73	42316	0.67	ug/L #	84
18) trans-1,2-Dichloroethene	4.89	96	42733	0.89	ug/L	95
19) 1,1-Dichloroethane	5.70	63	64859	0.79	ug/L #	92
21) 2-Butanone	6.69	43	30511	5.25	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	37159	0.84	ug/L #	98
23) Bromochloromethane	7.06	128	13474	0.95	ug/L #	86
25) Chloroform	7.24	83	64294	0.81	ug/L	91
27) 1,2-Dichloroethane	8.00	62	25367	0.71	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	48644	0.92	ug/L	99
30) Cyclohexane	7.52	56	47585	0.84	ug/L	100
31) Carbon tetrachloride	7.64	117	47556	1.01	ug/L	100
33) Benzene	7.91	78	163055	0.91	ug/L	100
34) Trichloroethene	8.71	95	39748	0.87	ug/L	95
35) Methylcyclohexane	8.96	83	54916	0.90	ug/L	96
37) 1,2-Dichloropropane	9.00	63	35061	0.84	ug/L #	96
38) Bromodichloromethane	9.29	83	33136	0.78	ug/L #	92
39) cis-1,3-Dichloropropene	9.72	75	32477	0.69	ug/L	86
40) 4-Methyl-2-pentanone	9.86	43	83359	6.88	ug/L	98

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42) Toluene	10.03	91	165471	0.95	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	21971	0.64	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	17159	0.84	ug/L	90
47) Tetrachloroethene	10.52	164	34132	1.14	ug/L	93
48) 2-Hexanone	10.64	43	58066	6.97	ug/L	95
49) Dibromochloromethane	10.79	129	19572	0.92	ug/L	96
50) 1,2-Dibromoethane	10.89	107	13421	0.81	ug/L #	73
51) Chlorobenzene	11.31	112	106187	1.00	ug/L	97
52) Ethylbenzene	11.39	91	179580	0.96	ug/L	96
53) m,p-Xylene	11.51	106	66804	0.95	ug/L	93
54) o-Xylene	11.83	106	57824	0.95	ug/L	97
55) Styrene	11.85	104	96648	0.97	ug/L	97
56) Isopropylbenzene	12.13	105	157654	0.98	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	16499	0.82	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	11150	0.77	ug/L	93
61) Bromoform	12.01	173	8184	0.96	ug/L #	93
62) 1,3-Dichlorobenzene	13.16	146	58348	0.95	ug/L	88
63) 1,4-Dichlorobenzene	13.24	146	70605	1.03	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	54265	1.02	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	2066	0.87	ug/L #	66
67) 1,3,5-Trichlorobenzene	14.29	180	40655	1.01	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	23962	0.87	ug/L	98
69) Naphthalene	15.00	128	21587	0.61	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	20178	0.95	ug/L	92

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

