

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026073.D
 Acq On : 15 Oct 2018 14:26
 Operator : SY/MD
 Sample : VSTD00583
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00583

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 3:12:53 PM

Quant Time: Oct 15 15:02:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 15 14:09:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	616603	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	540761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	199623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	265340	5.46	ug/L	0.00
7) Chloroethane-d5	2.63	69	226454	5.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	666364	5.84	ug/L	0.00
20) 2-Butanone-d5	6.59	46	228636	42.18	ug/L	0.00
24) Chloroform-d	7.20	84	433330	5.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	180278	4.95	ug/L	0.00
32) Benzene-d6	7.85	84	848412	4.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	224777	4.63	ug/L	0.00
41) Toluene-d8	9.97	98	828907	4.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	57370	5.21	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	186799	44.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	91975	4.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	156413	4.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	210588	5.619 ug/L	96
3) Chloromethane	2.01	50	335263	6.291 ug/L	100
5) Vinyl chloride	2.17	62	332431	6.267 ug/L	99
6) Bromomethane	2.53	94	213336	6.442 ug/L	95
8) Chloroethane	2.66	64	206549	6.844 ug/L	98
9) Trichlorofluoromethane	2.93	101	480474m	6.524 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	278870	6.194 ug/L	95
12) 1,1-Dichloroethene	3.63	96	309052	6.640 ug/L	90
13) Acetone	3.70	43	240984	61.336 ug/L	96
14) Carbon disulfide	3.93	76	833165	7.394 ug/L	98
15) Methyl Acetate	4.19	43	59379	5.451 ug/L	98
16) Methylene chloride	4.40	84	273848	6.398 ug/L	95
17) Methyl tert-butyl Ether	4.89	73	277610	5.386 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	231249	6.007 ug/L	87
19) 1,1-Dichloroethane	5.69	63	430623	5.650 ug/L	99
21) 2-Butanone	6.69	43	275799	51.036 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	226928	5.858 ug/L	# 92
23) Bromochloromethane	7.05	128	60464	5.754 ug/L	83
25) Chloroform	7.23	83	432610	5.829 ug/L	99
27) 1,2-Dichloroethane	7.99	62	210750	5.691 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	374136	6.153 ug/L	99
30) Cyclohexane	7.52	56	381520	5.021 ug/L	97
31) Carbon tetrachloride	7.63	117	337158	6.402 ug/L	98
33) Benzene	7.91	78	1032953	5.695 ug/L	100
34) Trichloroethene	8.71	95	255783	5.352 ug/L	90
35) Methylcyclohexane	8.95	83	391259	5.445 ug/L	95
37) 1,2-Dichloropropane	9.00	63	218779	5.623 ug/L	99
38) Bromodichloromethane	9.28	83	237482	5.657 ug/L	# 98
39) cis-1,3-Dichloropropene	9.72	75	260049	5.961 ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	703620	51.426 ug/L	99

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42) Toluene	10.04	91	1118976	5.937	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	180229	6.327	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	92728	5.269	ug/L	98
47) Tetrachloroethene	10.51	164	177440	6.025	ug/L	90
48) 2-Hexanone	10.63	43	470670	52.542	ug/L	99
49) Dibromochloromethane	10.79	129	106992	5.990	ug/L	98
50) 1,2-Dibromoethane	10.89	107	81302	5.854	ug/L #	93
51) Chlorobenzene	11.32	112	600303	6.005	ug/L	93
52) Ethylbenzene	11.39	91	1281307	5.956	ug/L	98
53) m,p-Xylene	11.50	106	473430	6.182	ug/L	88
54) o-Xylene	11.83	106	435491	6.109	ug/L	93
55) Styrene	11.84	104	678156	6.112	ug/L	91
56) Isopropylbenzene	12.13	105	1211702	6.163	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	91618	5.403	ug/L #	97
59) 1,2,3-Trichloropropane	12.43	75	67558	5.353	ug/L	99
61) Bromoform	12.01	173	35539	5.889	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	337773	5.789	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	348635	5.841	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	278563	5.943	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.15	75	9108	4.621	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.29	180	194032	5.583	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	116085	5.240	ug/L	98
69) Naphthalene	15.00	128	118164	4.179	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	80077	5.210	ug/L	98

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

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