

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026071.D
 Acq On : 15 Oct 2018 13:20
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 3:12:50 PM

Quant Time: Oct 15 15:09:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 15 15:02:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	739933	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	592949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	200418	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	39563	0.68	ug/L	0.00
7) Chloroethane-d5	2.63	69	33867	0.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	93754	0.68	ug/L	0.01
20) 2-Butanone-d5	6.59	46	24805	3.81	ug/L	0.00
24) Chloroform-d	7.20	84	55528	0.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	23299	0.53	ug/L	0.00
32) Benzene-d6	7.85	84	103392	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	26620	0.50	ug/L	0.00
41) Toluene-d8	9.97	98	91988	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	5938	0.49	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	14105	3.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	10169	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	17717	0.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	23978	0.533 ug/L	90
3) Chloromethane	2.01	50	40630	0.635 ug/L	99
5) Vinyl chloride	2.17	62	41734	0.656 ug/L	91
6) Bromomethane	2.52	94	29970	0.754 ug/L	87
8) Chloroethane	2.66	64	26027	0.719 ug/L	100
9) Trichlorofluoromethane	2.94	101	58917m	0.667 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	34975	0.647 ug/L	97
12) 1,1-Dichloroethene	3.64	96	38071	0.682 ug/L	95
13) Acetone	3.70	43	28323	6.007 ug/L	93
14) Carbon disulfide	3.94	76	86225	0.638 ug/L	96
15) Methyl Acetate	4.20	43	7455m	0.570 ug/L	
16) Methylene chloride	4.42	84	36208	0.705 ug/L	78
17) Methyl tert-butyl Ether	4.88	73	29525	0.477 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	25452	0.551 ug/L	95
19) 1,1-Dichloroethane	5.69	63	50815	0.556 ug/L	97
21) 2-Butanone	6.69	43	27316	4.212 ug/L	95
22) cis-1,2-Dichloroethene	6.68	96	21636	0.465 ug/L #	92
23) Bromochloromethane	7.06	128	6949	0.551 ug/L #	71
25) Chloroform	7.23	83	46848	0.526 ug/L	98
27) 1,2-Dichloroethane	8.00	62	23841	0.536 ug/L #	95
29) 1,1,1-Trichloroethane	7.42	97	40410	0.606 ug/L	91
30) Cyclohexane	7.53	56	37190	0.446 ug/L	99
31) Carbon tetrachloride	7.64	117	36804	0.637 ug/L	96
33) Benzene	7.91	78	106964	0.538 ug/L	100
34) Trichloroethene	8.71	95	27528	0.525 ug/L	98
35) Methylcyclohexane	8.96	83	37976	0.482 ug/L	91
37) 1,2-Dichloropropane	9.00	63	22518	0.528 ug/L #	96
38) Bromodichloromethane	9.28	83	23148	0.503 ug/L	92
39) cis-1,3-Dichloropropene	9.72	75	21451	0.448 ug/L	96
40) 4-Methyl-2-pentanone	9.87	43	58122	3.874 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026071.D
 Acq On : 15 Oct 2018 13:20
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 3:12:50 PM

Quant Time: Oct 15 15:09:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 15 15:02:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.03	91	105684	0.511	ug/L	97
44) trans-1,3-Dichloropropene	10.27	75	15170m	0.486	ug/L	
45) 1,1,2-Trichloroethane	10.44	97	9843	0.510	ug/L	83
47) Tetrachloroethene	10.51	164	19464	0.603	ug/L	94
48) 2-Hexanone	10.63	43	35951	3.660	ug/L	99
49) Dibromochloromethane	10.79	129	8765	0.448	ug/L	92
50) 1,2-Dibromoethane	10.89	107	7722	0.507	ug/L #	91
51) Chlorobenzene	11.32	112	62816	0.573	ug/L	92
52) Ethylbenzene	11.39	91	123272	0.523	ug/L	100
53) m,p-Xylene	11.50	106	42513	0.506	ug/L	99
54) o-Xylene	11.83	106	34868	0.446	ug/L	90
55) Styrene	11.84	104	53615	0.441	ug/L	84
56) Isopropylbenzene	12.13	105	104943	0.487	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.39	83	11120	0.598	ug/L	85
59) 1,2,3-Trichloropropane	12.43	75	7427	0.537	ug/L	95
61) Bromoform	12.02	173	2793	0.461	ug/L	93
62) 1,3-Dichlorobenzene	13.16	146	30091	0.514	ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	32823	0.548	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	24752	0.526	ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.14	75	1380m	0.697	ug/L	
67) 1,3,5-Trichlorobenzene	14.29	180	18761	0.538	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	10200	0.459	ug/L	92
69) Naphthalene	15.00	128	8812	0.310	ug/L	96
70) 1,2,3-Trichlorobenzene	15.18	180	7192	0.466	ug/L	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR101518\
Data File : VR026071.D
Acq On : 15 Oct 2018 13:20
Operator : SY/MD
Sample : VSTD0.581
Misc : 25mL/MSVOA R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.581

Manual Integrations
APPROVED

MMDadoda
10/16/2018 3:12:50 PM

Quant Time: Oct 15 15:09:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 15 15:02:25 2018
Response via : Initial Calibration

