

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026431.D
 Acq On : 3 Apr 2019 15:58
 Operator : SY/MD
 Sample : VSTD00183
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 9:33:53 AM

Quant Time: Apr 04 04:55:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Apr 04 04:39:32 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	737171	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	568281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	204933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	41003	0.58	ug/L	-0.01
7) Chloroethane-d5	2.63	69	35002	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	109165	0.65	ug/L	0.00
20) 2-Butanone-d5	6.58	46	31402	5.90	ug/L	0.00
24) Chloroform-d	7.20	84	81071	0.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	32319	0.67	ug/L	0.00
32) Benzene-d6	7.85	84	135900	0.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	36350	0.67	ug/L	0.00
41) Toluene-d8	9.97	98	117463	0.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	8506	0.60	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	18768	5.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	13428	0.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	23111	0.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	52357	0.807 ug/L	97
3) Chloromethane	2.01	50	58126	0.741 ug/L	99
5) Vinyl chloride	2.15	62	58110	0.762 ug/L	96
6) Bromomethane	2.52	94	31635	0.720 ug/L	93
8) Chloroethane	2.66	64	34251	0.755 ug/L	90
9) Trichlorofluoromethane	2.93	101	81486m	0.807 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	42286	0.728 ug/L	97
12) 1,1-Dichloroethene	3.63	96	46555	0.726 ug/L	98
13) Acetone	3.70	43	38670	8.065 ug/L	99
14) Carbon disulfide	3.93	76	132449	0.656 ug/L	95
15) Methyl Acetate	4.20	43	11538	0.866 ug/L #	88
16) Methylene chloride	4.39	84	46290	0.821 ug/L	88
17) Methyl tert-butyl Ether	4.89	73	50632	0.804 ug/L #	85
18) trans-1,2-Dichloroethene	4.88	96	46629	0.788 ug/L	94
19) 1,1-Dichloroethane	5.69	63	90072	0.826 ug/L	95
21) 2-Butanone	6.69	43	41464	6.883 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	34317	0.695 ug/L #	95
23) Bromochloromethane	7.05	128	12607	0.818 ug/L	83
25) Chloroform	7.23	83	83272	0.798 ug/L	88
27) 1,2-Dichloroethane	7.99	62	39046	0.782 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	74081	0.871 ug/L	98
30) Cyclohexane	7.51	56	57913	0.718 ug/L	98
31) Carbon tetrachloride	7.63	117	67778	0.856 ug/L	99
33) Benzene	7.90	78	170987	0.776 ug/L	100
34) Trichloroethene	8.71	95	45660	0.819 ug/L	95
35) Methylcyclohexane	8.95	83	51552	0.647 ug/L	91
37) 1,2-Dichloropropane	8.99	63	38204	0.818 ug/L #	96
38) Bromodichloromethane	9.28	83	43381	0.807 ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	32946	0.638 ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	91432	7.059 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026431.D
 Acq On : 3 Apr 2019 15:58
 Operator : SY/MD
 Sample : VSTD00183
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 9:33:53 AM

Quant Time: Apr 04 04:55:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 04 04:39:32 2019
 Response via : Initial Calibration

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

42) Toluene	10.04	91	162332	0.732	ug/L	94
44) trans-1,3-Dichloropropene	10.26	75	24104	0.647	ug/L	86
45) 1,1,2-Trichloroethane	10.45	97	16082	0.834	ug/L	91
47) Tetrachloroethene	10.51	164	28442	0.708	ug/L	96
48) 2-Hexanone	10.63	43	59820	6.691	ug/L	99
49) Dibromochloromethane	10.78	129	18250	0.759	ug/L	89
50) 1,2-Dibromoethane	10.89	107	11829	0.770	ug/L #	88
51) Chlorobenzene	11.32	112	95083	0.786	ug/L	97
52) Ethylbenzene	11.39	91	178975	0.717	ug/L	97
53) m,p-Xylene	11.50	106	61822	0.699	ug/L	91
54) o-Xylene	11.83	106	51598	0.663	ug/L	87
55) Styrene	11.84	104	84493	0.686	ug/L	95
56) Isopropylbenzene	12.13	105	148547	0.671	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.38	83	14864	0.843	ug/L #	84
59) 1,2,3-Trichloropropane	12.43	75	10290	0.783	ug/L #	76
61) Bromoform	12.01	173	7517	0.794	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	43155	0.680	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	52983	0.760	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	36982	0.710	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.14	75	1774m	0.916	ug/L	
67) 1,3,5-Trichlorobenzene	14.29	180	25313	0.644	ug/L	94
68) 1,2,4-trichlorobenzene	14.79	180	13054	0.579	ug/L	93
69) Naphthalene	15.01	128	11048	0.527	ug/L #	91
70) 1,2,3-Trichlorobenzene	15.18	180	10112	0.639	ug/L	92

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
Data File : VR026431.D
Acq On : 3 Apr 2019 15:58
Operator : SY/MD
Sample : VSTD00183
Misc : 25mL/MSVOA R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleID :
VSTD00183

Manual Integrations
APPROVED

MMDadoda
4/4/2019 9:33:53 AM

Quant Time: Apr 04 04:55:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 04 04:39:32 2019
Response via : Initial Calibration

