

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021919\
 Data File : VR026337.D
 Acq On : 19 Feb 2019 14:31
 Operator : SY/MD
 Sample : VSTD0.590
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.590

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 3:41:28 PM

Quant Time: Feb 19 16:09:57 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Feb 19 16:06:12 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	698450	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	556042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	186629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	31829	0.50	ug/L	0.00
7) Chloroethane-d5	2.63	69	27547	0.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	80023	0.52	ug/L	0.00
20) 2-Butanone-d5	6.58	46	16341	4.02	ug/L	0.00
24) Chloroform-d	7.20	84	52131	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	19103	0.50	ug/L	0.00
32) Benzene-d6	7.85	84	86912	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	22921	0.47	ug/L	0.00
41) Toluene-d8	9.97	98	73127	0.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	5853	0.45	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	8561	2.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	9753	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	14845	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	30649	0.476 ug/L	98
3) Chloromethane	2.01	50	42113	0.573 ug/L	96
5) Vinyl chloride	2.16	62	40480	0.547 ug/L	92
6) Bromomethane	2.52	94	25877	0.544 ug/L	99
8) Chloroethane	2.65	64	25345	0.570 ug/L	90
9) Trichlorofluoromethane	2.93	101	63265m	0.528 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	33470	0.528 ug/L	98
12) 1,1-Dichloroethene	3.63	96	36829	0.552 ug/L	96
13) Acetone	3.70	43	24759	5.781 ug/L	98
14) Carbon disulfide	3.93	76	114701	0.526 ug/L #	92
15) Methyl Acetate	4.20	43	7688	0.652 ug/L #	67
16) Methylene chloride	4.40	84	36687	0.649 ug/L	97
17) Methyl tert-butyl Ether	4.89	73	28580	0.488 ug/L #	91
18) trans-1,2-Dichloroethene	4.88	96	31305	0.517 ug/L	96
19) 1,1-Dichloroethane	5.69	63	53979	0.519 ug/L	95
21) 2-Butanone	6.69	43	22935	4.731 ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	21626	0.443 ug/L #	87
23) Bromochloromethane	7.05	128	7816	0.513 ug/L #	67
25) Chloroform	7.23	83	53352	0.528 ug/L	94
27) 1,2-Dichloroethane	7.99	62	22472	0.514 ug/L #	90
29) 1,1,1-Trichloroethane	7.43	97	49287	0.538 ug/L	98
30) Cyclohexane	7.52	56	27725	0.378 ug/L	93
31) Carbon tetrachloride	7.63	117	46009	0.542 ug/L	98
33) Benzene	7.90	78	106418	0.484 ug/L	100
34) Trichloroethene	8.71	95	29906	0.527 ug/L	85
35) Methylcyclohexane	8.95	83	30847	0.391 ug/L	94
37) 1,2-Dichloropropane	8.99	63	23656	0.498 ug/L	100
38) Bromodichloromethane	9.28	83	25864	0.488 ug/L	91
39) cis-1,3-Dichloropropene	9.72	75	19616	0.401 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	42890	3.917 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021919\
 Data File : VR026337.D
 Acq On : 19 Feb 2019 14:31
 Operator : SY/MD
 Sample : VSTD0.590
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.590

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 3:41:28 PM

Quant Time: Feb 19 16:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 19 16:06:12 2019
 Response via : Initial Calibration

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

42) Toluene	10.03	91	101767	0.450	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	15518	0.428	ug/L	91
45) 1,1,2-Trichloroethane	10.44	97	10805	0.545	ug/L	93
47) Tetrachloroethene	10.51	164	21334	0.490	ug/L	96
48) 2-Hexanone	10.63	43	32028	4.350	ug/L #	86
49) Dibromochloromethane	10.78	129	12699	0.498	ug/L	86
50) 1,2-Dibromoethane	10.89	107	7534	0.478	ug/L #	96
51) Chlorobenzene	11.31	112	69938	0.541	ug/L	96
52) Ethylbenzene	11.39	91	112205	0.444	ug/L	100
53) m,p-Xylene	11.50	106	39547	0.428	ug/L	91
54) o-Xylene	11.83	106	28489	0.358	ug/L	94
55) Styrene	11.84	104	46414	0.371	ug/L	91
56) Isopropylbenzene	12.13	105	87311	0.385	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	9559	0.520	ug/L #	83
59) 1,2,3-Trichloropropane	12.43	75	7034	0.531	ug/L #	85
61) Bromoform	12.01	173	5241	0.570	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	30242	0.496	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	39999	0.575	ug/L	94
65) 1,2-Dichlorobenzene	13.53	146	25804	0.494	ug/L #	88
66) 1,2-Dibromo-3-chloropropan	14.14	75	1140	0.604	ug/L #	52
67) 1,3,5-Trichlorobenzene	14.29	180	19650	0.503	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	9769	0.463	ug/L	93
69) Naphthalene	15.00	128	7443	0.393	ug/L #	85
70) 1,2,3-Trichlorobenzene	15.18	180	7997	0.525	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021919\
Data File : VR026337.D
Acq On : 19 Feb 2019 14:31
Operator : SY/MD
Sample : VSTD0.590
Misc : 25mL/MSVOA R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleID :
VSTD0.590

Manual Integrations
APPROVED

MMDadoda
2/21/2019 3:41:28 PM

Quant Time: Feb 19 16:09:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 16:06:12 2019
Response via : Initial Calibration

