

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026325.D
 Acq On : 15 Feb 2019 11:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00588

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 1:56:00 AM

Quant Time: Feb 16 03:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 14:16:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	617987	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	510422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	206683	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	235985	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	2.62	69	212227	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	3.61	63	593550	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	6.58	46	185623	51.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.32%
24) Chloroform-d	7.20	84	417560	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	7.90	65	156002	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	7.85	84	831578	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	8.89	67	206545	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	9.97	98	780145	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	10.23	79	56306	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	10.59	63	152987	56.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78271	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	153476	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.83	85	267209	4.693	ug/L	97
3) Chloromethane	2.02	50	309401	4.759	ug/L	98
5) Vinyl chloride	2.17	62	303054	4.627	ug/L	95
6) Bromomethane	2.53	94	194733	4.623	ug/L	96
8) Chloroethane	2.66	64	187799	4.773	ug/L	98
9) Trichlorofluoromethane	2.94	101	492030m	4.639	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	265393	4.731	ug/L	100
12) 1,1-Dichloroethene	3.63	96	270947	4.589	ug/L	94
13) Acetone	3.70	43	170805	45.077	ug/L	99
14) Carbon disulfide	3.93	76	886537	4.592	ug/L	100
15) Methyl Acetate	4.19	43	44562	4.273	ug/L	97
16) Methylene chloride	4.41	84	217000	4.341	ug/L	98
17) Methyl tert-butyl Ether	4.89	73	233341	4.501	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	239628	4.472	ug/L	96
19) 1,1-Dichloroethane	5.69	63	423733	4.606	ug/L	99
21) 2-Butanone	6.68	43	221952	51.742	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	219064	5.068	ug/L #	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026325.D
 Acq On : 15 Feb 2019 11:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00588

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 1:56:00 AM

Quant Time: Feb 16 03:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 14:16:44 2019
 Response via : Initial Calibration

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

23) Bromochloromethane	7.05	128	61602	4.569	ug/L	94
25) Chloroform	7.23	83	408589	4.572	ug/L	97
27) 1,2-Dichloroethane	7.99	62	177181	4.584	ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	396821	4.723	ug/L	99
30) Cyclohexane	7.51	56	384037	5.709	ug/L	99
31) Carbon tetrachloride	7.63	117	361397	4.640	ug/L	99
33) Benzene	7.90	78	963756	4.772	ug/L	100
34) Trichloroethene	8.71	95	250081	4.802	ug/L	97
35) Methylcyclohexane	8.95	83	408250	5.638	ug/L	96
37) 1,2-Dichloropropane	8.99	63	198216	4.545	ug/L	100
38) Bromodichloromethane	9.28	83	224184	4.610	ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	233814	5.211	ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	548673	54.582	ug/L	99
42) Toluene	10.03	91	1057569	5.095	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	167679	5.037	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	81713	4.488	ug/L	96
47) Tetrachloroethene	10.51	164	196192	4.910	ug/L	91
48) 2-Hexanone	10.63	43	371026	54.891	ug/L	98
49) Dibromochloromethane	10.79	129	108232	4.625	ug/L	98
50) 1,2-Dibromoethane	10.88	107	66663	4.604	ug/L #	88
51) Chlorobenzene	11.32	112	552949	4.659	ug/L	99
52) Ethylbenzene	11.39	91	1207056	5.201	ug/L	99
53) m,p-Xylene	11.50	106	438778	5.174	ug/L	99
54) o-Xylene	11.83	106	392299	5.364	ug/L	97
55) Styrene	11.84	104	608528	5.297	ug/L	99
56) Isopropylbenzene	12.13	105	1169917	5.627	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	78722	4.667	ug/L	90
59) 1,2,3-Trichloropropane	12.43	75	52729	4.338	ug/L	96
61) Bromoform	12.01	173	44806	4.402	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	329238	4.877	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	352101	4.569	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	273965	4.736	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	8834	4.224	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	217797	5.034	ug/L	100
68) 1,2,4-trichlorobenzene	14.79	180	118105	5.058	ug/L	98
69) Naphthalene	15.00	128	117933	5.628	ug/L	96
70) 1,2,3-Trichlorobenzene	15.18	180	92466	5.486	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
Data File : VR026325.D
Acq On : 15 Feb 2019 11:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00588

Manual Integrations
APPROVED

MMDadoda
2/19/2019 1:56:00 AM

Quant Time: Feb 16 03:21:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 14:16:44 2019
Response via : Initial Calibration

