

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
 Data File : VR025433.D
 Acq On : 25 Jun 2018 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 5:14:44 PM

Quant Time: Jun 26 02:21:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	630099	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	524621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	224020	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	106227	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	2.64	69	65883	4.18	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	3.65	63	279580	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	6.60	46	308914	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	7.20	84	434132	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	7.89	65	171312	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	7.86	84	957688	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	8.90	67	267377	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	9.97	98	865244	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
43) trans-1,3-Dichloropropene-	10.24	79	63328	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	10.59	63	265187	56.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	118770	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	184513	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.84	85	193891	4.76	ug/L	96
3) Chloromethane	2.02	50	109367	3.71	ug/L	94
5) Vinyl chloride	2.17	62	102550	3.93	ug/L	95
6) Bromomethane	2.53	94	37388	2.94	ug/L	98
8) Chloroethane	2.67	64	50880	3.74	ug/L	100
9) Trichlorofluoromethane	2.98	101	196777m	5.16	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	112531	5.03	ug/L	98
12) 1,1-Dichloroethene	3.66	96	102303	4.62	ug/L	95
13) Acetone	3.71	43	144111	55.47	ug/L	99
14) Carbon disulfide	3.97	76	151433	3.25	ug/L	100
15) Methyl Acetate	4.20	43	31509	4.82	ug/L	100
16) Methylene chloride	4.41	84	113558m	5.64	ug/L	
17) Methyl tert-butyl Ether	4.90	73	323823	4.90	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	230624	5.07	ug/L	98
19) 1,1-Dichloroethane	5.70	63	433738	5.07	ug/L	98
21) 2-Butanone	6.69	43	354165	57.67	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	253277	5.33	ug/L #	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
 Data File : VR025433.D
 Acq On : 25 Jun 2018 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 5:14:44 PM

Quant Time: Jun 26 02:21:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

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

23) Bromochloromethane	7.05	128	70547	5.07	ug/L	89
25) Chloroform	7.23	83	415349	5.31	ug/L	100
27) 1,2-Dichloroethane	8.00	62	188148	5.27	ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	277625	4.46	ug/L	96
30) Cyclohexane	7.52	56	359698	4.52	ug/L	99
31) Carbon tetrachloride	7.64	117	255892	4.68	ug/L	98
33) Benzene	7.91	78	1004875	4.88	ug/L	100
34) Trichloroethene	8.71	95	368836	7.40	ug/L	97
35) Methylcyclohexane	8.96	83	375294	4.77	ug/L	99
37) 1,2-Dichloropropane	8.99	63	234617	5.12	ug/L	100
38) Bromodichloromethane	9.28	83	227098	5.11	ug/L	92
39) cis-1,3-Dichloropropene	9.72	75	262439	4.87	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	830689	56.06	ug/L	98
42) Toluene	10.03	91	1017916	4.61	ug/L	100
44) trans-1,3-Dichloropropene	10.27	75	180140	4.86	ug/L	99
45) 1,1,2-Trichloroethane	10.44	97	114265	5.38	ug/L	96
47) Tetrachloroethene	10.52	164	154526	4.64	ug/L	95
48) 2-Hexanone	10.64	43	559527	59.24	ug/L	97
49) Dibromochloromethane	10.78	129	106293	5.19	ug/L	94
50) 1,2-Dibromoethane	10.89	107	92112	5.41	ug/L	95
51) Chlorobenzene	11.31	112	583920	4.94	ug/L	98
52) Ethylbenzene	11.39	91	1149495	5.25	ug/L	100
53) m,p-Xylene	11.51	106	431377	5.16	ug/L	89
54) o-Xylene	11.83	106	393686	5.27	ug/L	98
55) Styrene	11.84	104	637323	5.55	ug/L	99
56) Isopropylbenzene	12.13	105	1083343	5.39	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	119452	6.07	ug/L #	93
59) 1,2,3-Trichloropropane	12.44	75	80396	5.66	ug/L	96
61) Bromoform	12.01	173	32748	4.10	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	371792	4.73	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	374574	4.77	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	317276	5.04	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	10377	4.17	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.29	180	242599	4.66	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	167419	4.62	ug/L	99
69) Naphthalene	15.00	128	232384	4.93	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	140998	5.03	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
Data File : VR025433.D
Acq On : 25 Jun 2018 19:59
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

Manual Integrations
APPROVED

MMDadoda
6/28/2018 5:14:44 PM

Quant Time: Jun 26 02:21:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration

