

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
 Data File : VV013367.D
 Acq On : 26 Oct 2019 11:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD00557

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 9:01:41 AM

Quant Time: Oct 31 13:37:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	525876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	555878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	361557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190115	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	155856	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	309946	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.97	46	438640	58.91	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.82%
24) Chloroform-d	4.40	84	421022	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	192989	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.09	84	876107	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.11	67	247300	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.35	98	853344	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.66	79	93840	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.13	63	336951	46.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	173731	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	326081	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	268313	4.615 ug/L	99
3) Chloromethane	1.25	50	212202	4.206 ug/L	100
5) Vinyl chloride	1.32	62	230545	4.543 ug/L	99
6) Bromomethane	1.53	94	145588	5.093 ug/L	96
8) Chloroethane	1.60	64	138695	4.586 ug/L	98
9) Trichlorofluoromethane	1.77	101	345745	4.708 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	199184	4.590 ug/L	97
12) 1,1-Dichloroethene	2.14	96	185154	4.478 ug/L	96
13) Acetone	2.24	43	215029	55.857 ug/L	98
14) Carbon disulfide	2.31	76	507426	4.275 ug/L	100
15) Methyl Acetate	2.47	43	76685m	5.890 ug/L	
16) Methylene chloride	2.53	84	253397	4.078 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	522387	5.455 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	263511	5.406 ug/L	92
19) 1,1-Dichloroethane	3.23	63	456959	5.768 ug/L	99
21) 2-Butanone	4.05	43	522957	60.684 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	276578	5.302 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	125689	5.077	ug/L	91
25) Chloroform	4.42	83	487330	4.719	ug/L	99
27) 1,2-Dichloroethane	5.18	62	263485	4.777	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	405710	4.938	ug/L	99
30) Cyclohexane	4.72	56	398001	4.666	ug/L	96
31) Carbon tetrachloride	4.87	117	370646	5.028	ug/L	100
33) Benzene	5.14	78	1052787	4.960	ug/L	100
34) Trichloroethene	5.96	95	286716	5.034	ug/L	95
35) Methylcyclohexane	6.17	83	443993	5.066	ug/L	98
37) 1,2-Dichloropropane	6.22	63	254839	4.943	ug/L	100
38) Bromodichloromethane	6.55	83	321467	4.817	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	354620	4.883	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1288974	48.905	ug/L	95
42) Toluene	7.43	91	1158344	5.197	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	275907	5.015	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	180972	5.029	ug/L	98
47) Tetrachloroethene	8.01	164	274410	5.305	ug/L	98
48) 2-Hexanone	8.18	43	933584	49.618	ug/L	95
49) Dibromochloromethane	8.29	129	227559	5.020	ug/L	100
50) 1,2-Dibromoethane	8.39	107	168025	4.899	ug/L	97
51) Chlorobenzene	8.92	112	751275	5.149	ug/L	99
52) Ethylbenzene	9.05	91	1235086	5.315	ug/L	99
53) m,p-xylene	9.18	106	496720	5.584	ug/L	100
54) o-xylene	9.58	106	465712	5.515	ug/L	97
55) Styrene	9.60	104	805285	5.611	ug/L	100
56) Isopropylbenzene	9.97	105	1253985	5.630	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	187371	4.529	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	147369	4.792	ug/L	98
61) Bromoform	9.77	173	137457	4.987	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	665028	5.223	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	652906	5.065	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	591554	5.045	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	26390	3.963	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.69	180	498711	5.298	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	440988	5.355	ug/L	98
69) Naphthalene	13.55	128	574470	5.057	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	405373	5.300	ug/L	99

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

