

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030419\
 Data File : VV009467.D
 Acq On : 04 Mar 2019 12:45
 Operator : SY/MD
 Sample : VSTD00163
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00163

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 12:33:49 PM

Quant Time: Mar 05 03:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 05 03:46:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96104	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6248	1.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	5495	1.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	15584	1.17	ug/L	0.00
20) 2-Butanone-d5	4.00	46	9666m	9.79	ug/L	0.02
24) Chloroform-d	4.40	84	10448	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	5250	1.06	ug/L	0.00
32) Benzene-d6	5.10	84	20249	1.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	6236	1.03	ug/L	0.00
41) Toluene-d8	7.36	98	20307	1.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2495	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	8684	10.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4707	1.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7236	1.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5306	0.898 ug/L	92
3) Chloromethane	1.25	50	6321	1.006 ug/L	100
5) Vinyl chloride	1.32	62	6830	0.985 ug/L	97
6) Bromomethane	1.53	94	4519	0.965 ug/L	95
8) Chloroethane	1.60	64	4313	0.939 ug/L	98
9) Trichlorofluoromethane	1.77	101	12935	0.883 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7672	1.062 ug/L	98
12) 1,1-Dichloroethene	2.14	96	6466	1.012 ug/L	95
13) Acetone	2.24	43	8077	8.722 ug/L	85
14) Carbon disulfide	2.32	76	21271	1.016 ug/L	97
15) Methyl Acetate	2.47	43	2745	1.143 ug/L #	76
16) Methylene chloride	2.54	84	7610	1.072 ug/L	95
17) Methyl tert-butyl Ether	2.82	73	15364	0.939 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	6940	0.995 ug/L	94
19) 1,1-Dichloroethane	3.23	63	12514	1.361 ug/L	95
21) 2-Butanone	4.07	43	9917m	8.572 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	6373	0.983 ug/L	87
23) Bromochloromethane	4.30	128	2149	0.829 ug/L	85
25) Chloroform	4.43	83	10137	0.905 ug/L	100
27) 1,2-Dichloroethane	5.19	62	5983	0.907 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	9699	0.939 ug/L	97
30) Cyclohexane	4.72	56	8873	0.890 ug/L #	92
31) Carbon tetrachloride	4.87	117	7430	0.871 ug/L	99
33) Benzene	5.15	78	22421	0.946 ug/L	100
34) Trichloroethene	5.96	95	5941	0.878 ug/L	96
35) Methylcyclohexane	6.18	83	9869	0.884 ug/L	97
37) 1,2-Dichloropropane	6.22	63	5499	0.945 ug/L #	92
38) Bromodichloromethane	6.56	83	7432	0.922 ug/L	92
39) cis-1,3-Dichloropropene	7.07	75	7855	0.854 ug/L	93
40) 4-Methyl-2-pentanone	7.29	43	28679	9.101 ug/L	99

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42) Toluene	7.43	91	24395	0.894	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	6153	0.860	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	3642	0.869	ug/L	92
47) Tetrachloroethene	8.02	164	4703	0.887	ug/L	94
48) 2-Hexanone	8.20	43	18849	8.912	ug/L	97
49) Dibromochloromethane	8.29	129	4456	0.815	ug/L	91
50) 1,2-Dibromoethane	8.40	107	3437	0.860	ug/L #	95
51) Chlorobenzene	8.93	112	16392	0.922	ug/L	99
52) Ethylbenzene	9.06	91	28465	0.915	ug/L	97
53) m,p-xylene	9.18	106	10737	0.884	ug/L	98
54) o-xylene	9.59	106	10008	0.852	ug/L	99
55) Styrene	9.61	104	16386	0.857	ug/L	99
56) Isopropylbenzene	9.98	105	27867	0.886	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	4786	0.954	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	3108	0.905	ug/L	95
61) Bromoform	9.78	173	2013	0.742	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	12522	0.911	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	12547	0.925	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	11321	0.908	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	733	0.928	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.69	180	9291	0.945	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	6772	0.905	ug/L	100
69) Naphthalene	13.56	128	10947	0.874	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	5959	0.870	ug/L	97

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

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