

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013246.D
 Acq On : 21 Oct 2019 16:01
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00132

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 9:00:27 AM

Quant Time: Oct 22 02:00:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 01:49:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	512018	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.89	117	523442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	294546	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35150	0.70	ug/L	0.00
7) Chloroethane-d5	1.58	69	27670	0.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	62605	0.79	ug/L	0.00
20) 2-Butanone-d5	3.99	46	69320m	6.88	ug/L	0.00
24) Chloroform-d	4.39	84	82837	0.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	38185	0.81	ug/L	0.00
32) Benzene-d6	5.09	84	156820	0.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	47506	0.81	ug/L	0.00
41) Toluene-d8	7.36	98	132162	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	16988	0.81	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	49653	5.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33721	0.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	52261	0.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	50774	0.804 ug/L	97
3) Chloromethane	1.24	50	44195	0.740 ug/L	99
5) Vinyl chloride	1.32	62	43629	0.819 ug/L	99
6) Bromomethane	1.53	94	23550	0.790 ug/L	97
8) Chloroethane	1.60	64	26540	0.862 ug/L	91
9) Trichlorofluoromethane	1.76	101	64220	0.844 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36995	0.853 ug/L	97
12) 1,1-Dichloroethene	2.14	96	35805	0.864 ug/L	95
13) Acetone	2.26	43	32278m	6.441 ug/L	
14) Carbon disulfide	2.32	76	98856	0.838 ug/L	97
15) Methyl Acetate	2.48	43	8379	0.717 ug/L #	80
16) Methylene chloride	2.54	84	86210	1.704 ug/L	96
17) Methyl tert-butyl Ether	2.82	73	71142	0.668 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	37083	0.710 ug/L	99
19) 1,1-Dichloroethane	3.22	63	59088	0.639 ug/L	98
21) 2-Butanone	4.09	43	75982	6.605 ug/L	76
22) cis-1,2-Dichloroethene	3.95	96	48651	0.904 ug/L #	83
23) Bromochloromethane	4.29	128	20605	0.824 ug/L	97
25) Chloroform	4.42	83	91046	0.884 ug/L	100
27) 1,2-Dichloroethane	5.18	62	47056	0.833 ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	68258	0.845 ug/L	97
30) Cyclohexane	4.71	56	68482	0.826 ug/L	98
31) Carbon tetrachloride	4.86	117	60706	0.849 ug/L	98
33) Benzene	5.14	78	177430	0.846 ug/L	100
34) Trichloroethene	5.97	95	46876	0.858 ug/L	90
35) Methylcyclohexane	6.18	83	65674	0.789 ug/L	98
37) 1,2-Dichloropropane	6.23	63	41946	0.814 ug/L	97
38) Bromodichloromethane	6.57	83	54358	0.830 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	54752	0.794 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	193386	7.039 ug/L	99

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42) Toluene	7.44	91	174752	0.809	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	42824	0.810	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	30530	0.859	ug/L	93
47) Tetrachloroethene	8.02	164	43321	0.900	ug/L	97
48) 2-Hexanone	8.20	43	140844	7.100	ug/L	99
49) Dibromochloromethane	8.29	129	35551	0.834	ug/L	97
50) 1,2-Dibromoethane	8.40	107	29230	0.909	ug/L #	97
51) Chlorobenzene	8.92	112	119908	0.859	ug/L	98
52) Ethylbenzene	9.05	91	172209	0.767	ug/L	100
53) m,p-xylene	9.18	106	63386	0.746	ug/L	96
54) o-xylene	9.59	106	58889	0.719	ug/L	96
55) Styrene	9.60	104	92867	0.674	ug/L	98
56) Isopropylbenzene	9.97	105	154663	0.716	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	32927	0.801	ug/L #	99
59) 1,2,3-Trichloropropane	10.32	75	25518	0.853	ug/L	98
61) Bromoform	9.77	173	20238	0.853	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	90495	0.863	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	94407	0.900	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	84541	0.853	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	4842	0.782	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.69	180	64765	0.842	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	54166	0.815	ug/L	99
69) Naphthalene	13.55	128	61094	0.603	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	49886	0.756	ug/L	97

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

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