

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013390.D
 Acq On : 29 Oct 2019 10:31
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:22:40 AM

Quant Time: Oct 30 01:10:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 01:57:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349555	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373738	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17805	0.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	14213	0.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28709	0.60	ug/L	0.00
20) 2-Butanone-d5	3.98	46	34134	5.95	ug/L	0.02
24) Chloroform-d	4.40	84	33951	0.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	17099	0.59	ug/L	0.00
32) Benzene-d6	5.09	84	64359	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	21166	0.57	ug/L	0.00
41) Toluene-d8	7.36	98	55155	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	7447	0.53	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	17519	3.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	13070	0.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	23755	0.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24896	0.616 ug/L	100
3) Chloromethane	1.25	50	20756	0.588 ug/L	91
5) Vinyl chloride	1.32	62	19908	0.568 ug/L	94
6) Bromomethane	1.53	94	10484	0.534 ug/L	99
8) Chloroethane	1.60	64	11431	0.552 ug/L	99
9) Trichlorofluoromethane	1.77	101	26074	0.527 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14186	0.491 ug/L	98
12) 1,1-Dichloroethene	2.14	96	14244	0.518 ug/L	97
13) Acetone	2.23	43	14683	5.146 ug/L	74
14) Carbon disulfide	2.31	76	41937	0.524 ug/L	100
15) Methyl Acetate	2.47	43	6273	0.629 ug/L #	90
16) Methylene chloride	2.53	84	24942	0.590 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	32345	0.485 ug/L #	91
18) trans-1,2-Dichloroethene	2.79	96	18828	0.556 ug/L	98
19) 1,1-Dichloroethane	3.23	63	32483	0.566 ug/L	94
21) 2-Butanone	4.06	43	32383m	5.102 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	17428	0.483 ug/L #	94
23) Bromochloromethane	4.31	128	8705	0.530 ug/L	84
25) Chloroform	4.42	83	39930	0.573 ug/L	98
27) 1,2-Dichloroethane	5.18	62	17336	0.465 ug/L #	91
29) 1,1,1-Trichloroethane	4.65	97	26396	0.472 ug/L	96
30) Cyclohexane	4.72	56	24474	0.417 ug/L	95
31) Carbon tetrachloride	4.87	117	24072	0.478 ug/L	96
33) Benzene	5.15	78	61820	0.428 ug/L	100
34) Trichloroethene	5.96	95	19121	0.493 ug/L	96
35) Methylcyclohexane	6.17	83	23595	0.395 ug/L	96
37) 1,2-Dichloropropane	6.22	63	16552	0.470 ug/L #	94
38) Bromodichloromethane	6.55	83	21483	0.475 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	20080	0.404 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	80979	4.387 ug/L	96

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42) Toluene	7.43	91	63368	0.419	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	16863	0.446	ug/L	90
45) 1,1,2-Trichloroethane	7.88	97	11653	0.479	ug/L	97
47) Tetrachloroethene	8.02	164	15869	0.458	ug/L	92
48) 2-Hexanone	8.19	43	53992	4.104	ug/L #	93
49) Dibromochloromethane	8.29	129	14157	0.462	ug/L	95
50) 1,2-Dibromoethane	8.40	107	10241	0.442	ug/L #	99
51) Chlorobenzene	8.92	112	44409	0.450	ug/L	98
52) Ethylbenzene	9.05	91	62908	0.396	ug/L	95
53) m,p-xylene	9.18	106	21902	0.364	ug/L	91
54) o-xylene	9.59	106	21756	0.379	ug/L	98
55) Styrene	9.60	104	34005	0.348	ug/L	97
56) Isopropylbenzene	9.97	105	58245	0.383	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.28	83	11478	0.415	ug/L	90
59) 1,2,3-Trichloropropane	10.32	75	9412	0.450	ug/L	97
61) Bromoform	9.77	173	7834	0.486	ug/L #	93
62) 1,3-Dichlorobenzene	11.22	146	33330	0.447	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	35223	0.469	ug/L	94
65) 1,2-Dichlorobenzene	11.68	146	32605	0.475	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	2230m	0.576	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	27495	0.488	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	18951	0.389	ug/L	94
69) Naphthalene	13.55	128	22750	0.339	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	16641	0.372	ug/L	94

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

