

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011901.D
 Acq On : 17 Jul 2019 10:08
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.536

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 9:53:34 AM

Quant Time: Jul 18 01:32:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 01:22:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	191980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	87040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7303	0.49	ug/L	0.00
7) Chloroethane-d5	1.58	69	6309	0.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12385	0.54	ug/L	0.00
20) 2-Butanone-d5	3.97	46	17111	5.18	ug/L	0.00
24) Chloroform-d	4.40	84	14650	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7071	0.50	ug/L	0.00
32) Benzene-d6	5.10	84	26913	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	8213	0.50	ug/L	0.00
41) Toluene-d8	7.36	98	22560	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2767	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	9326	3.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4912	0.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	8761	0.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9848	0.492 ug/L	96
3) Chloromethane	1.25	50	9746	0.496 ug/L	98
5) Vinyl chloride	1.32	62	9141	0.479 ug/L	99
6) Bromomethane	1.54	94	5402	0.496 ug/L	94
8) Chloroethane	1.60	64	5444	0.479 ug/L	100
9) Trichlorofluoromethane	1.77	101	11856	0.482 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5755	0.510 ug/L	97
12) 1,1-Dichloroethene	2.14	96	5207	0.505 ug/L #	77
13) Acetone	2.23	43	11658	6.262 ug/L	98
14) Carbon disulfide	2.32	76	16176	0.587 ug/L	98
15) Methyl Acetate	2.47	43	1917	0.447 ug/L #	77
16) Methylene chloride	2.53	84	6539	0.606 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	14907	0.470 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	7193	0.496 ug/L	97
19) 1,1-Dichloroethane	3.23	63	13191	0.479 ug/L	97
21) 2-Butanone	4.06	43	16032m	4.430 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	6899	0.447 ug/L	93
23) Bromochloromethane	4.30	128	2891	0.445 ug/L	85
25) Chloroform	4.43	83	16257	0.539 ug/L	96
27) 1,2-Dichloroethane	5.18	62	8606	0.493 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	10764	0.441 ug/L	97
30) Cyclohexane	4.72	56	11181	0.441 ug/L	97
31) Carbon tetrachloride	4.88	117	9336	0.450 ug/L	97
33) Benzene	5.15	78	27352	0.453 ug/L	100
34) Trichloroethene	5.96	95	8187	0.477 ug/L	96
35) Methylcyclohexane	6.17	83	11080	0.444 ug/L	99
37) 1,2-Dichloropropane	6.22	63	6308	0.419 ug/L #	94
38) Bromodichloromethane	6.56	83	8245	0.459 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	7418	0.366 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	35926	4.046 ug/L	96

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

42) Toluene	7.43	91	26581	0.423	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	6486	0.407	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	4868	0.486	ug/L	88
47) Tetrachloroethene	8.02	164	5778	0.461	ug/L	95
48) 2-Hexanone	8.19	43	25407	3.973	ug/L	96
49) Dibromochloromethane	8.29	129	4492	0.406	ug/L	93
50) 1,2-Dibromoethane	8.40	107	3988	0.430	ug/L #	97
51) Chlorobenzene	8.92	112	17966	0.442	ug/L	95
52) Ethylbenzene	9.05	91	29210	0.420	ug/L	100
53) m,p-xylene	9.18	106	10630	0.414	ug/L	84
54) o-xylene	9.59	106	9430	0.386	ug/L	99
55) Styrene	9.60	104	15306	0.372	ug/L	96
56) Isopropylbenzene	9.97	105	26395	0.396	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	3775	0.384	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	4188	0.472	ug/L	98
61) Bromoform	9.77	173	2356	0.492	ug/L #	92
62) 1,3-Dichlorobenzene	11.22	146	13567	0.485	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	14201	0.490	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	12314	0.465	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	708	0.439	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.69	180	10560	0.481	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	7477	0.428	ug/L	95
69) Naphthalene	13.55	128	10023	0.388	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	6353	0.402	ug/L	98

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

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