

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012864.D
 Acq On : 17 Sep 2019 15:23
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 8:10:20 AM

Quant Time: Sep 17 17:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:07:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	379339	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19721	0.69	ug/L	0.00
7) Chloroethane-d5	1.58	69	15493	0.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	30055	0.65	ug/L	0.00
20) 2-Butanone-d5	4.01	46	37318m	8.11	ug/L	0.03
24) Chloroform-d	4.40	84	31265	0.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	14387	0.67	ug/L	0.00
32) Benzene-d6	5.09	84	59541	0.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18358	0.67	ug/L	0.00
41) Toluene-d8	7.36	98	48392	0.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6203	0.68	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	21821	7.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15148	0.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	18241	0.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13759	0.503 ug/L	91
3) Chloromethane	1.25	50	15629	0.566 ug/L	93
5) Vinyl chloride	1.32	62	17665	0.571 ug/L	91
6) Bromomethane	1.53	94	8184	0.518 ug/L	97
8) Chloroethane	1.60	64	9351	0.561 ug/L	93
9) Trichlorofluoromethane	1.77	101	21581	0.570 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12872	0.574 ug/L	98
12) 1,1-Dichloroethene	2.14	96	11915	0.578 ug/L	92
13) Acetone	2.24	43	25947	8.676 ug/L	100
14) Carbon disulfide	2.32	76	24446	0.558 ug/L	98
15) Methyl Acetate	2.47	43	5787	0.649 ug/L #	71
16) Methylene chloride	2.53	84	16845	0.685 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	33218	0.606 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	13622	0.607 ug/L	93
19) 1,1-Dichloroethane	3.23	63	26603	0.572 ug/L	98
21) 2-Butanone	4.08	43	31546	5.692 ug/L #	77
22) cis-1,2-Dichloroethene	3.96	96	13476	0.538 ug/L	96
23) Bromochloromethane	4.30	128	6398	0.590 ug/L	92
25) Chloroform	4.43	83	33430	0.642 ug/L	99
27) 1,2-Dichloroethane	5.18	62	15665	0.577 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	21897	0.576 ug/L	98
30) Cyclohexane	4.72	56	15686	0.490 ug/L	94
31) Carbon tetrachloride	4.87	117	18591	0.578 ug/L	98
33) Benzene	5.14	78	49912	0.533 ug/L	100
34) Trichloroethene	5.96	95	13590	0.518 ug/L	92
35) Methylcyclohexane	6.17	83	16666	0.509 ug/L	97
37) 1,2-Dichloropropane	6.22	63	13711	0.541 ug/L	99
38) Bromodichloromethane	6.56	83	19697	0.602 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	18113	0.572 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	82242	5.654 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012864.D
 Acq On : 17 Sep 2019 15:23
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 8:10:20 AM

Quant Time: Sep 17 17:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:07:14 2019
 Response via : Initial Calibration

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

42) Toluene	7.43	91	49142	0.513	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	14095	0.559	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	11350	0.625	ug/L	98
47) Tetrachloroethene	8.02	164	11235	0.575	ug/L	95
48) 2-Hexanone	8.19	43	57119	5.197	ug/L	99
49) Dibromochloromethane	8.29	129	12243	0.592	ug/L	95
50) 1,2-Dibromoethane	8.40	107	8575	0.566	ug/L #	89
51) Chlorobenzene	8.92	112	37115	0.562	ug/L	97
52) Ethylbenzene	9.05	91	51592	0.505	ug/L	99
53) m,p-xylene	9.18	106	18059	0.476	ug/L	95
54) o-xylene	9.59	106	17032	0.461	ug/L	92
55) Styrene	9.60	104	27911	0.445	ug/L	98
56) Isopropylbenzene	9.97	105	45133	0.455	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.28	83	13794	0.756	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	9680	0.633	ug/L	100
61) Bromoform	9.77	173	6313	0.622	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	25580	0.561	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	28334	0.598	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	26662	0.600	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	1997	0.864	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	20532	0.581	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	16016	0.598	ug/L	97
69) Naphthalene	13.55	128	21219	0.546	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	15645	0.599	ug/L	98

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

