

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091019\
 Data File : VR026609.D
 Acq On : 10 Sep 2019 15:05
 Operator : SY/MD
 Sample : VSTD0.562
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.562

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:18:18 AM

Quant Time: Sep 11 08:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 07:55:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	481208	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	352310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	158344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	9735	0.68	ug/L	0.01
7) Chloroethane-d5	2.63	69	8198	0.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	19599	0.55	ug/L	0.00
20) 2-Butanone-d5	6.62	46	16578	5.16	ug/L	0.00
24) Chloroform-d	7.22	84	27730	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	9597	0.58	ug/L	0.00
32) Benzene-d6	7.87	84	56146	0.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	15230	0.58	ug/L	0.00
41) Toluene-d8	9.99	98	39165	0.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	4100	0.68	ug/L	0.00
46) 2-Hexanone-d5	10.61	63	10122	5.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	7734	0.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	11637	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	26624	0.528 ug/L	96
3) Chloromethane	2.06	50	17437	0.601 ug/L	99
5) Vinyl chloride	2.18	62	15181	0.558 ug/L	95
6) Bromomethane	2.54	94	8169	0.486 ug/L	98
8) Chloroethane	2.67	64	9121	0.572 ug/L	89
9) Trichlorofluoromethane	2.97	101	23638m	0.565 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	9479	0.504 ug/L #	84
12) 1,1-Dichloroethene	3.65	96	9999	0.517 ug/L #	69
13) Acetone	3.72	43	10891	5.329 ug/L	97
14) Carbon disulfide	3.95	76	29135	0.339 ug/L #	89
15) Methyl Acetate	4.21	43	4921	0.571 ug/L #	80
16) Methylene chloride	4.43	84	24322	0.619 ug/L	89
17) Methyl tert-butyl Ether	4.93	73	23918	0.503 ug/L #	87
18) trans-1,2-Dichloroethene	4.92	96	20585	0.495 ug/L	80
19) 1,1-Dichloroethane	5.72	63	40626	0.519 ug/L #	91
21) 2-Butanone	6.72	43	19702	4.668 ug/L	99
22) cis-1,2-Dichloroethene	6.70	96	20577	0.510 ug/L #	100
23) Bromochloromethane	7.06	128	5461	0.492 ug/L	96
25) Chloroform	7.25	83	41717	0.575 ug/L	99
27) 1,2-Dichloroethane	8.01	62	14213	0.543 ug/L #	93
29) 1,1,1-Trichloroethane	7.45	97	27131	0.511 ug/L	97
30) Cyclohexane	7.54	56	30273	0.474 ug/L	95
31) Carbon tetrachloride	7.66	117	22502	0.506 ug/L	95
33) Benzene	7.93	78	82528	0.528 ug/L	100
34) Trichloroethene	8.73	95	20659	0.540 ug/L	94
35) Methylcyclohexane	8.97	83	27886	0.473 ug/L	96
37) 1,2-Dichloropropane	9.02	63	15866	0.505 ug/L	98
38) Bromodichloromethane	9.30	83	15840	0.487 ug/L	86
39) cis-1,3-Dichloropropene	9.73	75	15659	0.462 ug/L	95
40) 4-Methyl-2-pentanone	9.88	43	40472	4.410 ug/L	98

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

42) Toluene	10.05	91	70167	0.496	ug/L	97
44) trans-1,3-Dichloropropene	10.28	75	8873m	0.411	ug/L	
45) 1,1,2-Trichloroethane	10.46	97	6606	0.492	ug/L	92
47) Tetrachloroethene	10.54	164	11632	0.536	ug/L #	82
48) 2-Hexanone	10.65	43	24742	4.507	ug/L	96
49) Dibromochloromethane	10.80	129	6270	0.441	ug/L	88
50) 1,2-Dibromoethane	10.90	107	5731	0.522	ug/L #	81
51) Chlorobenzene	11.33	112	39593	0.515	ug/L	96
52) Ethylbenzene	11.41	91	76821	0.499	ug/L	97
53) m,p-Xylene	11.52	106	29283	0.526	ug/L #	59
54) o-Xylene	11.84	106	28182	0.516	ug/L	97
55) Styrene	11.86	104	35711	0.470	ug/L	89
56) Isopropylbenzene	12.15	105	74649	0.489	ug/L #	96
58) 1,1,1,2,2-Tetrachloroethane	12.40	83	7657	0.504	ug/L	88
59) 1,2,3-Trichloropropane	12.45	75	6129	0.563	ug/L #	77
61) Bromoform	12.02	173	2741	0.473	ug/L #	84
62) 1,3-Dichlorobenzene	13.18	146	27546	0.502	ug/L	97
63) 1,4-Dichlorobenzene	13.26	146	28004	0.527	ug/L	95
65) 1,2-Dichlorobenzene	13.55	146	22428	0.486	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.16	75	1144	0.476	ug/L #	57
67) 1,3,5-Trichlorobenzene	14.31	180	21830	0.489	ug/L	93
68) 1,2,4-trichlorobenzene	14.81	180	15763	0.497	ug/L	98
69) Naphthalene	15.02	128	19910	0.443	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.20	180	13428	0.497	ug/L	99

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

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