

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021919\
 Data File : VR026338.D
 Acq On : 19 Feb 2019 15:04
 Operator : SY/MD
 Sample : VSTD00191
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00191

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 3:41:32 PM

Quant Time: Feb 19 16:17:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 19 16:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	542326	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	459486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	153983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	46210	0.93	ug/L	-0.01
7) Chloroethane-d5	2.62	69	40203	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	113192	0.95	ug/L	0.00
20) 2-Butanone-d5	6.58	46	28229	8.95	ug/L	0.00
24) Chloroform-d	7.20	84	80743	0.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	28898	0.97	ug/L	0.00
32) Benzene-d6	7.85	84	138971	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	36745	0.91	ug/L	0.00
41) Toluene-d8	9.96	98	122682	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	9410	0.87	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	17319	7.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	14994	0.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	25635	0.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	37185	0.744 ug/L	99
3) Chloromethane	2.01	50	54932	0.963 ug/L	92
5) Vinyl chloride	2.15	62	50694	0.882 ug/L	95
6) Bromomethane	2.52	94	35432	0.958 ug/L	93
8) Chloroethane	2.66	64	32739	0.948 ug/L	100
9) Trichlorofluoromethane	2.94	101	77345m	0.831 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	41037	0.834 ug/L	99
12) 1,1-Dichloroethene	3.63	96	45213	0.873 ug/L	92
13) Acetone	3.69	43	36985	11.122 ug/L	98
14) Carbon disulfide	3.93	76	138444	0.817 ug/L	96
15) Methyl Acetate	4.19	43	10262	1.121 ug/L	95
16) Methylene chloride	4.40	84	47845	1.091 ug/L	83
17) Methyl tert-butyl Ether	4.90	73	44023	0.968 ug/L #	89
18) trans-1,2-Dichloroethene	4.89	96	41185	0.876 ug/L	80
19) 1,1-Dichloroethane	5.69	63	73945	0.916 ug/L	93
21) 2-Butanone	6.69	43	36206	9.618 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	31854	0.840 ug/L #	83
23) Bromochloromethane	7.05	128	11004	0.930 ug/L	82
25) Chloroform	7.23	83	73301	0.935 ug/L	97
27) 1,2-Dichloroethane	7.99	62	34214m	1.009 ug/L	
29) 1,1,1-Trichloroethane	7.42	97	63691	0.842 ug/L	99
30) Cyclohexane	7.52	56	33473	0.553 ug/L	98
31) Carbon tetrachloride	7.63	117	58849	0.839 ug/L	94
33) Benzene	7.90	78	152714	0.840 ug/L	100
34) Trichloroethene	8.71	95	34687	0.740 ug/L	93
35) Methylcyclohexane	8.95	83	35609	0.546 ug/L	91
37) 1,2-Dichloropropane	9.00	63	37097	0.945 ug/L	99
38) Bromodichloromethane	9.28	83	41456	0.947 ug/L #	95
39) cis-1,3-Dichloropropene	9.72	75	28148	0.697 ug/L	88
40) 4-Methyl-2-pentanone	9.87	43	76050	8.404 ug/L	96

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42) Toluene	10.03	91	142647	0.763	ug/L	96
44) trans-1,3-Dichloropropene	10.26	75	21689	0.724	ug/L	90
45) 1,1,2-Trichloroethane	10.45	97	14511	0.885	ug/L	92
47) Tetrachloroethene	10.51	164	25313	0.704	ug/L	97
48) 2-Hexanone	10.63	43	55908	9.188	ug/L	96
49) Dibromochloromethane	10.78	129	19060	0.905	ug/L	89
50) 1,2-Dibromoethane	10.89	107	12869	0.987	ug/L #	84
51) Chlorobenzene	11.31	112	89048	0.833	ug/L	96
52) Ethylbenzene	11.39	91	147729	0.707	ug/L	99
53) m,p-Xylene	11.50	106	49790	0.652	ug/L	90
54) o-Xylene	11.83	106	41293	0.627	ug/L	94
55) Styrene	11.84	104	70062	0.677	ug/L	96
56) Isopropylbenzene	12.13	105	116082	0.620	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	14269	0.940	ug/L #	92
59) 1,2,3-Trichloropropane	12.43	75	10332	0.944	ug/L	98
61) Bromoform	12.00	173	6938	0.915	ug/L #	81
62) 1,3-Dichlorobenzene	13.16	146	38215	0.760	ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	52246	0.910	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	38182	0.886	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.15	75	1919	1.232	ug/L	100
67) 1,3,5-Trichlorobenzene	14.29	180	24824	0.770	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	11631	0.669	ug/L	97
69) Naphthalene	15.00	128	9700	0.621	ug/L #	92
70) 1,2,3-Trichlorobenzene	15.18	180	9777	0.779	ug/L #	96

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

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