

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017472.D
 Acq On : 14 Jul 2020 09:30
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 1:01:34 PM

Quant Time: Jul 15 02:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:00:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154047	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146479	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4581	0.50	ug/L	0.00
7) Chloroethane-d5	1.58	69	3735	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	10373	0.58	ug/L	0.00
20) 2-Butanone-d5	3.99	46	8216m	3.63	ug/L	0.04
24) Chloroform-d	4.38	84	9767	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	5171	0.48	ug/L	0.00
32) Benzene-d6	5.07	84	15413	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	4476	0.40	ug/L	0.00
41) Toluene-d8	7.34	98	14826	0.42	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.65	79	2182	0.46	ug/L	0.00
48) 2-Hexanone-d5	8.12	63	4795	2.77	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	3211	0.43	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	6555	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9557	0.708 ug/L	97
3) Chloromethane	1.25	50	6756	0.629 ug/L	98
5) Vinyl chloride	1.32	62	6660	0.632 ug/L	95
6) Bromomethane	1.53	94	3887	0.627 ug/L	86
8) Chloroethane	1.59	64	4051	0.686 ug/L	90
9) Trichlorofluoromethane	1.76	101	11863	0.673 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5537	0.646 ug/L	93
12) 1,1-Dichloroethene	2.13	96	4727	0.612 ug/L	94
13) Acetone	2.26	43	6855m	5.681 ug/L	
14) Carbon disulfide	2.31	76	14415	0.611 ug/L	95
15) Methyl Acetate	2.46	43	1152	0.413 ug/L #	51
16) Methylene chloride	2.52	84	8210	0.989 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	11936	0.615 ug/L #	93
18) trans-1,2-Dichloroethene	2.78	96	5079	0.611 ug/L	96
19) 1,1-Dichloroethane	3.21	63	9802	0.546 ug/L #	94
21) 2-Butanone	4.06	43	10093m	4.587 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	5604	0.523 ug/L	99
23) Bromochloromethane	4.27	128	2209	0.475 ug/L	92
25) Chloroform	4.40	83	10613	0.543 ug/L	98
27) 1,2-Dichloroethane	5.16	62	6881	0.557 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	10327	0.566 ug/L #	85
30) Cyclohexane	4.70	56	7757	0.468 ug/L	98
31) Carbon tetrachloride	4.85	117	9634	0.581 ug/L #	56
33) Benzene	5.12	78	19416	0.502 ug/L	100
34) Trichloroethene	5.94	95	6362	0.558 ug/L	97
35) Methylcyclohexane	6.15	83	8362	0.478 ug/L	96
37) 1,2-Dichloropropane	6.20	63	5011	0.537 ug/L	98
38) Bromodichloromethane	6.53	83	7267	0.549 ug/L #	99
39) cis-1,3-Dichloropropene	7.05	75	6648	0.468 ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	20813	3.860 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	20488	0.457	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	18435	0.454	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	17707	0.430	ug/L	97
46) trans-1,3-Dichloropropene	7.68	75	6020	0.484	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	3439	0.511	ug/L	96
49) Tetrachloroethene	8.00	164	5138	0.552	ug/L	97
50) 2-Hexanone	8.17	43	16828	4.388	ug/L	92
51) Dibromochloromethane	8.27	129	4461	0.530	ug/L	97
52) 1,2-Dibromoethane	8.38	107	3244	0.504	ug/L #	97
53) Chlorobenzene	8.90	112	14227	0.505	ug/L	97
54) Ethylbenzene	9.04	91	22988	0.479	ug/L	96
55) m,p-xylene	9.16	106	8525	0.453	ug/L	88
56) o-xylene	9.57	106	8638	0.492	ug/L	90
57) Styrene	9.58	104	13520	0.461	ug/L	98
58) Isopropylbenzene	9.95	105	23767	0.488	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	3328	0.480	ug/L #	83
62) Bromoform	9.76	173	2466	0.572	ug/L	97
63) 1,3-Dichlorobenzene	11.21	146	11747	0.501	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	11919	0.501	ug/L	95
66) 1,2-Dichlorobenzene	11.67	146	11153	0.525	ug/L	90
67) 1,2-Dibromo-3-chloropropan	12.45	75	596	0.490	ug/L #	79
68) 1,3,5-Trichlorobenzene	12.67	180	9198	0.487	ug/L	97
69) 1,2,4-trichlorobenzene	13.29	180	7317	0.471	ug/L	97
70) Naphthalene	13.53	128	9542	0.435	ug/L #	94
71) 1,2,3-Trichlorobenzene	13.77	180	6066	0.469	ug/L	95

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

