

Data File : VV017720.D
Acq On : 29 Jul 2020 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00541

Quant Time: Jul 30 04:23:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 18:07:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154203	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153097	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	85283	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32251	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	28245	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.12	63	78114	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.96	46	72490	41.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.30%
24) Chloroform-d	4.37	84	86146	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	46277	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	143403	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.09	67	39794	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.33	98	139365	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	7.64	79	18184	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.11	63	55930	42.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28677	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	58377	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	79960	4.732 ug/L	99
3) Chloromethane	1.25	50	48314	4.395 ug/L	97
5) Vinyl chloride	1.32	62	54304	4.929 ug/L	100
6) Bromomethane	1.53	94	30672	4.332 ug/L	99
8) Chloroethane	1.59	64	32500	5.110 ug/L	99
9) Trichlorofluoromethane	1.76	101	109165	5.540 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49020	5.327 ug/L	97
12) 1,1-Dichloroethene	2.13	96	43108	5.191 ug/L	88
13) Acetone	2.23	43	64780	46.978 ug/L	95
14) Carbon disulfide	2.31	76	128515	5.091 ug/L	98
15) Methyl Acetate	2.46	43	12576	4.687 ug/L	96
16) Methylene chloride	2.52	84	46652	5.049 ug/L	95
17) Methyl tert-butyl Ether	2.79	73	109447	5.142 ug/L	99
18) trans-1,2-Dichloroethene	2.77	96	47770	5.280 ug/L	96
19) 1,1-Dichloroethane	3.21	63	90746	4.769 ug/L	99
21) 2-Butanone	4.03	43	99916	42.911 ug/L	99
22) cis-1,2-Dichloroethene	3.93	96	56034	4.918 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	26053	4.962	ug/L	90
25) Chloroform	4.40	83	112159	5.252	ug/L	94
27) 1,2-Dichloroethane	5.15	62	71638	5.173	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	107197	5.005	ug/L	98
30) Cyclohexane	4.69	56	72253	4.257	ug/L	93
31) Carbon tetrachloride	4.85	117	97334	5.109	ug/L	98
33) Benzene	5.12	78	205459	4.741	ug/L	100
34) Trichloroethene	5.93	95	58772	4.855	ug/L	97
35) Methylcyclohexane	6.15	83	83200	4.544	ug/L	96
37) 1,2-Dichloropropane	6.20	63	42617	4.185	ug/L	98
38) Bromodichloromethane	6.53	83	74777	4.991	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	73632	4.794	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	237712	42.570	ug/L	98
42) Toluene	7.41	91	235167	4.975	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	231126	5.236	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	240931	5.343	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	64635	4.687	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	33997	4.402	ug/L	90
49) Tetrachloroethene	7.99	164	52048	4.877	ug/L	99
50) 2-Hexanone	8.16	43	175232	44.350	ug/L	98
51) Dibromochloromethane	8.27	129	50761	5.164	ug/L	89
52) 1,2-Dibromoethane	8.38	107	33311	4.570	ug/L	99
53) Chlorobenzene	8.90	112	153495	4.870	ug/L	98
54) Ethylbenzene	9.03	91	262776	4.965	ug/L	99
55) m,p-xylene	9.16	106	103991	5.217	ug/L	97
56) o-xylene	9.56	106	98309	5.082	ug/L	99
57) Styrene	9.58	104	168544	5.222	ug/L	99
58) Isopropylbenzene	9.95	105	271920	5.096	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	36516	4.339	ug/L	98
62) Bromoform	9.75	173	26801	4.910	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	139883	5.094	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	139749	5.072	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	126733	5.067	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7782	4.975	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	114004	5.111	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	95398	5.113	ug/L	99
70) Naphthalene	13.53	128	121222	4.660	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	77831	4.708	ug/L	93

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

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