

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017297.D
 Acq On : 01 Jul 2020 20:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Manual Integrations
 APPROVED

apatel
 7/6/2020 10:13:49 AM

Quant Time: Jul 02 06:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175808	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174848	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	90452	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47682	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	39378	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	97690	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.96	46	126115	46.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.80%
24) Chloroform-d	4.37	84	122257	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.06	65	65220	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.07	84	211862	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.09	67	61148	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.33	98	197344	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.64	79	23528	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
48) 2-Hexanone-d5	8.11	63	99230	46.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	47007	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	78566	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	70049	4.991	ug/L	98
3) Chloromethane	1.25	50	55760	4.689	ug/L	99
5) Vinyl chloride	1.32	62	58454	5.067	ug/L	98
6) Bromomethane	1.53	94	30564	4.546	ug/L	99
8) Chloroethane	1.60	64	32894	5.159	ug/L	98
9) Trichlorofluoromethane	1.76	101	104136	5.574	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	47198	5.069	ug/L	97
12) 1,1-Dichloroethene	2.13	96	44513	5.276	ug/L	87
13) Acetone	2.24	43	61281m	45.079	ug/L	
14) Carbon disulfide	2.31	76	127688	5.051	ug/L	98
15) Methyl Acetate	2.46	43	14551	4.378	ug/L	100
16) Methylene chloride	2.52	84	53329	5.902	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	114955	5.426	ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	49190	5.502	ug/L	91
19) 1,1-Dichloroethane	3.21	63	104687	5.211	ug/L	98
21) 2-Butanone	4.04	43	112926	44.068	ug/L	93
22) cis-1,2-Dichloroethene	3.93	96	63074	5.159	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	26750	5.148	ug/L	94
25) Chloroform	4.40	83	115866	5.280	ug/L	98
27) 1,2-Dichloroethane	5.15	62	71968	5.279	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	107155	5.115	ug/L	98
30) Cyclohexane	4.69	56	86686	4.349	ug/L	94
31) Carbon tetrachloride	4.85	117	97410	5.153	ug/L	100
33) Benzene	5.12	78	226498	4.946	ug/L	100
34) Trichloroethene	5.93	95	124464	9.283	ug/L	94
35) Methylcyclohexane	6.15	83	91916	4.410	ug/L	99
37) 1,2-Dichloropropane	6.20	63	52869	4.664	ug/L	99
38) Bromodichloromethane	6.53	83	78889	5.124	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	73443	4.361	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	303537	46.380	ug/L	99
42) Toluene	7.41	91	249080	4.679	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	233457	4.904	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	239694	4.945	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	64479	4.426	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	39284	4.886	ug/L	98
49) Tetrachloroethene	7.99	164	53202	4.930	ug/L	98
50) 2-Hexanone	8.16	43	216258	46.432	ug/L	99
51) Dibromochloromethane	8.27	129	53144	5.453	ug/L	99
52) 1,2-Dibromoethane	8.37	107	38333	5.028	ug/L	97
53) Chlorobenzene	8.90	112	164364	4.953	ug/L	99
54) Ethylbenzene	9.03	91	280558	4.937	ug/L	98
55) m,p-xylene	9.16	106	105464	4.732	ug/L	99
56) o-xylene	9.56	106	104004	5.001	ug/L	98
57) Styrene	9.58	104	177199	5.142	ug/L	100
58) Isopropylbenzene	9.95	105	261289	4.565	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	44637	5.368	ug/L	97
62) Bromoform	9.75	173	28637	5.918	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	136373	5.008	ug/L	100
64) 1,4-Dichlorobenzene	11.29	146	134097	4.845	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	124376	5.033	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7981	5.838	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	100375	4.588	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	82464	4.579	ug/L	98
70) Naphthalene	13.53	128	122017	4.798	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	74354	5.062	ug/L	97

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

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