

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030520\
 Data File : VV014758.D
 Acq On : 05 Mar 2020 16:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Manual Integrations
 APPROVED

apatel
 3/9/2020 2:42:29 PM

Quant Time: Mar 06 04:08:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 06 02:39:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	232384	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67454	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.58	69	61180	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	129068	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	3.98	46	200922	53.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.86%
24) Chloroform-d	4.40	84	155727	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	83230	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.09	84	313667	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	99643	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.35	98	291086	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.66	79	38148	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.13	63	158572	50.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	77459	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	110427	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116728	4.573	ug/L 100
3) Chloromethane	1.25	50	98162	4.176	ug/L 99
5) Vinyl chloride	1.32	62	93720	4.337	ug/L 99
6) Bromomethane	1.53	94	57199	4.698	ug/L 96
8) Chloroethane	1.60	64	54795	4.527	ug/L 96
9) Trichlorofluoromethane	1.77	101	141420	4.805	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	73113	4.747	ug/L 99
12) 1,1-Dichloroethene	2.14	96	67981	4.642	ug/L 97
13) Acetone	2.25	43	99264m	39.224	ug/L
14) Carbon disulfide	2.31	76	192218	3.849	ug/L 99
15) Methyl Acetate	2.48	43	29706	4.625	ug/L 98
16) Methylene chloride	2.53	84	84886	4.634	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	194431	4.881	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	83614	4.723	ug/L 95
19) 1,1-Dichloroethane	3.22	63	161823	4.673	ug/L 100
21) 2-Butanone	4.05	43	207581	48.195	ug/L 89
22) cis-1,2-Dichloroethene	3.96	96	91543	4.838	ug/L 99

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

23) Bromochloromethane	4.29	128	38292	5.042	ug/L #	81
25) Chloroform	4.42	83	174831	5.144	ug/L	97
27) 1,2-Dichloroethane	5.18	62	100327	4.820	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	141926	4.880	ug/L	98
30) Cyclohexane	4.71	56	149380	4.563	ug/L	100
31) Carbon tetrachloride	4.87	117	123139	4.915	ug/L	97
33) Benzene	5.14	78	351212	4.849	ug/L	100
34) Trichloroethene	5.95	95	92912	4.897	ug/L	96
35) Methylcyclohexane	6.17	83	151751	4.702	ug/L	99
37) 1,2-Dichloropropane	6.22	63	87974	4.754	ug/L	98
38) Bromodichloromethane	6.55	83	111886	4.957	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	131637	4.911	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	512812	46.282	ug/L	98
42) Toluene	7.42	91	377625	4.923	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	100656	4.840	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	60945	5.159	ug/L	97
47) Tetrachloroethene	8.01	164	77323	5.097	ug/L	96
48) 2-Hexanone	8.18	43	376452	47.685	ug/L	97
49) Dibromochloromethane	8.29	129	72367	5.418	ug/L	97
50) 1,2-Dibromoethane	8.39	107	55136	4.889	ug/L	94
51) Chlorobenzene	8.92	112	240589	4.953	ug/L	97
52) Ethylbenzene	9.05	91	420689	4.837	ug/L	99
53) m,p-xylene	9.17	106	158097	4.965	ug/L	99
54) o-xylene	9.58	106	151846	4.899	ug/L	97
55) Styrene	9.60	104	262660	5.044	ug/L	100
56) Isopropylbenzene	9.97	105	417870	4.990	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	73281	4.961	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	54004	4.997	ug/L	99
61) Bromoform	9.77	173	38679	5.588	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	198896	4.946	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	198208	4.824	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	181217	4.878	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	11244	4.573	ug/L	95
67) 1,3,5-Trichlorobenzene	12.68	180	159716	4.894	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	133648	4.769	ug/L	99
69) Naphthalene	13.54	128	213101	4.671	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	121514	4.858	ug/L	99

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

