

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050520\
 Data File : VV015902.D
 Acq On : 05 May 2020 15:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: May 06 02:00:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 17:59:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158240	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	78521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48237	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.57	69	42607	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.12	63	92863	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	3.95	46	133394	52.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.74%
24) Chloroform-d	4.38	84	95265	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	54601	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.07	84	190724	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.09	67	56473	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	180975	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.64	79	22316	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.11	63	108950	53.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	40956	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	65052	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	61612	4.864 ug/L	99
3) Chloromethane	1.24	50	60711	4.810 ug/L	100
5) Vinyl chloride	1.32	62	57754	4.775 ug/L	98
6) Bromomethane	1.53	94	31251	4.664 ug/L	97
8) Chloroethane	1.59	64	35571	4.834 ug/L	98
9) Trichlorofluoromethane	1.76	101	79674	4.893 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44213	4.761 ug/L	99
12) 1,1-Dichloroethene	2.13	96	41890	4.722 ug/L	95
13) Acetone	2.24	43	80610	51.885 ug/L	68
14) Carbon disulfide	2.30	76	137676	4.759 ug/L	99
15) Methyl Acetate	2.47	43	20047	5.546 ug/L	98
16) Methylene chloride	2.52	84	59792	4.785 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	114349	4.865 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	49168	4.932 ug/L	100
19) 1,1-Dichloroethane	3.21	63	90204	4.740 ug/L	99
21) 2-Butanone	4.03	43	129218	49.781 ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	49996	4.812 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	20964	4.837	ug/L	99
25) Chloroform	4.40	83	102155	4.932	ug/L	99
27) 1,2-Dichloroethane	5.16	62	64306	5.011	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	84204	4.837	ug/L	98
30) Cyclohexane	4.70	56	86075	4.831	ug/L	99
31) Carbon tetrachloride	4.85	117	71642	4.791	ug/L	99
33) Benzene	5.13	78	196360	4.910	ug/L	100
34) Trichloroethene	5.94	95	52897	4.861	ug/L	97
35) Methylcyclohexane	6.15	83	86288	4.847	ug/L	100
37) 1,2-Dichloropropane	6.20	63	49889	4.989	ug/L	100
38) Bromodichloromethane	6.53	83	60693	4.845	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	69470	4.938	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	321766	50.410	ug/L	99
42) Toluene	7.41	91	209074	4.913	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	58579	4.920	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	33309	4.942	ug/L	99
47) Tetrachloroethene	8.00	164	38455	4.739	ug/L	98
48) 2-Hexanone	8.16	43	234266	52.584	ug/L	100
49) Dibromochloromethane	8.27	129	35841	4.928	ug/L	98
50) 1,2-Dibromoethane	8.38	107	31302	4.922	ug/L	97
51) Chlorobenzene	8.90	112	132299	4.857	ug/L	97
52) Ethylbenzene	9.03	91	237864	4.911	ug/L	100
53) m,p-xylene	9.16	106	87987	4.854	ug/L	98
54) o-xylene	9.57	106	85571	4.964	ug/L	99
55) Styrene	9.58	104	144584	5.016	ug/L	99
56) Isopropylbenzene	9.95	105	233766	4.930	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	38781	4.995	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	30590	4.993	ug/L	97
61) Bromoform	9.76	173	16136	4.815	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	105171	4.742	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	105952	4.820	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	97039	4.827	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6149	4.403	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	78315	4.746	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	67976	4.898	ug/L	99
69) Naphthalene	13.53	128	115306	4.914	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	60674	4.881	ug/L	99

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

