

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
 Data File : VV014399.D
 Acq On : 24 Jan 2020 19:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Jan 25 00:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 25 00:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	898993	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	841869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	396705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	239111	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.59	69	214275	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.14	63	355363	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.92	46	927825	61.40	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.80%
24) Chloroform-d	4.40	84	602350	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	288123	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	1096501	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.11	67	375515	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	894490	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.66	79	137237	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.13	63	801625	54.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.90%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	300684	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	348985	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	337127	4.974	ug/L 98
3) Chloromethane	1.26	50	318585	4.729	ug/L 97
5) Vinyl chloride	1.33	62	351596	5.588	ug/L 99
6) Bromomethane	1.54	94	44773	1.254	ug/L 96
8) Chloroethane	1.60	64	180925	5.118	ug/L 98
9) Trichlorofluoromethane	1.78	101	401536	5.406	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	213948	5.318	ug/L 95
12) 1,1-Dichloroethene	2.15	96	202384	5.039	ug/L 89
13) Acetone	2.18	43	443777	42.648	ug/L 98
14) Carbon disulfide	2.32	76	864818	4.852	ug/L 97
15) Methyl Acetate	2.46	43	109666	4.527	ug/L 99
16) Methylene chloride	2.54	84	328071	5.018	ug/L 93
17) Methyl tert-butyl Ether	2.80	73	672659	4.525	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	291807	4.833	ug/L 95
19) 1,1-Dichloroethane	3.23	63	571542	4.830	ug/L 97
21) 2-Butanone	4.01	43	824724	52.838	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	339969	5.137	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	118336	4.703	ug/L	90
25) Chloroform	4.42	83	555286	4.901	ug/L	97
27) 1,2-Dichloroethane	5.18	62	311255	4.592	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	468252	4.672	ug/L	98
30) Cyclohexane	4.73	56	553492	5.002	ug/L	97
31) Carbon tetrachloride	4.87	117	404416	4.712	ug/L	99
33) Benzene	5.15	78	1259806	4.859	ug/L	100
34) Trichloroethene	5.96	95	346270	5.197	ug/L	98
35) Methylcyclohexane	6.17	83	535371	4.915	ug/L	98
37) 1,2-Dichloropropane	6.22	63	321192	4.908	ug/L	99
38) Bromodichloromethane	6.55	83	391158	4.635	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	466261	4.401	ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	1791891	43.437	ug/L	98
42) Toluene	7.43	91	1334704	4.877	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	351516	4.320	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	195781	4.683	ug/L	99
47) Tetrachloroethene	8.02	164	220075	4.835	ug/L	99
48) 2-Hexanone	8.18	43	1420176	49.772	ug/L	99
49) Dibromochloromethane	8.29	129	234549	4.438	ug/L	98
50) 1,2-Dibromoethane	8.39	107	183985	4.545	ug/L	97
51) Chlorobenzene	8.92	112	819008	4.866	ug/L	99
52) Ethylbenzene	9.05	91	1518853	4.961	ug/L	100
53) m,p-xylene	9.18	106	561053	4.967	ug/L	98
54) o-xylene	9.58	106	546027	4.916	ug/L	100
55) Styrene	9.60	104	902434	4.796	ug/L	97
56) Isopropylbenzene	9.97	105	1457119	5.029	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	242970	4.713	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	177151	4.543	ug/L	97
61) Bromoform	9.77	173	117842	4.382	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	609514	4.915	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	621605	5.040	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	558839	4.989	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	37250	3.618	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	436888	4.844	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	364984	4.614	ug/L	97
69) Naphthalene	13.55	128	678433	4.221	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	323338	4.645	ug/L	98

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

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