

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037305.D
 Acq On : 16 Mar 2020 20:19
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Mar 17 01:36:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	134960	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	131511	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	69283	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33244	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	30845	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.59	63	74637	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.67	46	104629	49.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	5.11	84	81769	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	45294	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.76	84	140348	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.73	67	44812	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	135633	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.20	79	19441	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.66	63	92751	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39901	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	54716	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	78484	5.024	ug/L	100
3) Chloromethane	1.53	50	59405	3.874	ug/L	100
5) Vinyl chloride	1.62	62	66542	4.847	ug/L	98
6) Bromomethane	1.87	94	16634	2.383	ug/L	98
8) Chloroethane	1.95	64	39107	4.940	ug/L	98
9) Trichlorofluoromethane	2.16	101	102739	4.962	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	47841	4.991	ug/L	99
12) 1,1-Dichloroethene	2.60	96	43326	5.007	ug/L	96
13) Acetone	2.66	43	81597	45.412	ug/L	97
14) Carbon disulfide	2.82	76	135127	4.845	ug/L	98
15) Methyl Acetate	2.98	43	20291	4.911	ug/L	100
16) Methylene chloride	3.08	84	52928	5.083	ug/L	99
17) Methyl tert-butyl Ether	3.40	73	123239	4.955	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	45857	4.918	ug/L	95
19) 1,1-Dichloroethane	3.91	63	92325	4.915	ug/L	94
21) 2-Butanone	4.75	43	138431	48.244	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	51937	5.020	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	23773	5.072	ug/L	98
25) Chloroform	5.13	83	102350	5.005	ug/L	99
27) 1,2-Dichloroethane	5.83	62	69377	4.828	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	90757	5.046	ug/L	97
30) Cyclohexane	5.42	56	80959	5.024	ug/L	99
31) Carbon tetrachloride	5.56	117	80884	5.111	ug/L	98
33) Benzene	5.81	78	202748	5.134	ug/L	100
34) Trichloroethene	6.57	95	54693	5.069	ug/L	99
35) Methylcyclohexane	6.79	83	81610	5.001	ug/L	97
37) 1,2-Dichloropropane	6.82	63	53185	5.092	ug/L	99
38) Bromodichloromethane	7.14	83	73855	5.024	ug/L	95
39) cis-1,3-Dichloropropene	7.64	75	81124	5.166	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	355493	50.465	ug/L	100
42) Toluene	8.00	91	222170	5.218	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	67063	5.091	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	38728	5.142	ug/L	97
47) Tetrachloroethene	8.58	164	43196	5.154	ug/L	96
48) 2-Hexanone	8.71	43	251968	48.712	ug/L	99
49) Dibromochloromethane	8.83	129	50189	5.110	ug/L	97
50) 1,2-Dibromoethane	8.95	107	36720	5.017	ug/L	90
51) Chlorobenzene	9.47	112	138931	5.055	ug/L	97
52) Ethylbenzene	9.59	91	245829	5.089	ug/L	98
53) m,p-Xylene	9.71	106	89622	5.044	ug/L	94
54) o-Xylene	10.12	106	89413	5.272	ug/L	99
55) Styrene	10.13	104	148891	5.216	ug/L	96
56) Isopropylbenzene	10.50	105	243179	5.131	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	48729	4.907	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	36702	4.947	ug/L	99
61) Bromoform	10.31	173	29504	4.830	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	111856	4.810	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	109696	4.737	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	106795	4.717	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	8586	4.869	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	84893	4.784	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	59675	4.843	ug/L	98
69) Naphthalene	14.12	128	78668	4.458	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	56643	4.744	ug/L	99

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

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