

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039128.D
 Acq On : 25 Jun 2020 20:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Jun 26 01:04:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75177	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.93	69	70013	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	163468	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.67	46	376286	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	5.10	84	184672	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	107303	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.76	84	327771	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	111927	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.92	98	273595	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.20	79	48744	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.65	63	298410	53.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108460	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	109290	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	118082	4.868	ug/L 99
3) Chloromethane	1.53	50	121455	4.652	ug/L 96
5) Vinyl chloride	1.62	62	129404	4.915	ug/L 99
6) Bromomethane	1.87	94	64066	4.519	ug/L 97
8) Chloroethane	1.95	64	79230	4.993	ug/L 96
9) Trichlorofluoromethane	2.16	101	169811	5.038	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	97755	4.982	ug/L 98
12) 1,1-Dichloroethene	2.61	96	93455	4.978	ug/L 94
13) Acetone	2.67	43	218128	44.840	ug/L 99
14) Carbon disulfide	2.82	76	294086	4.699	ug/L 99
15) Methyl Acetate	2.98	43	54464	4.716	ug/L 97
16) Methylene chloride	3.08	84	108345	4.678	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	257384	4.816	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	96977	4.828	ug/L 97
19) 1,1-Dichloroethane	3.91	63	194235	4.864	ug/L 97
21) 2-Butanone	4.75	43	369298	49.932	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	103925	4.794	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	49225	4.935	ug/L	98
25) Chloroform	5.12	83	193687	4.828	ug/L	96
27) 1,2-Dichloroethane	5.83	62	139260	4.871	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	168131	5.008	ug/L	99
30) Cyclohexane	5.42	56	159664	5.112	ug/L	98
31) Carbon tetrachloride	5.56	117	142524	5.098	ug/L	100
33) Benzene	5.81	78	417066	4.935	ug/L	100
34) Trichloroethene	6.57	95	105282	5.150	ug/L	94
35) Methylcyclohexane	6.79	83	149668	4.934	ug/L	97
37) 1,2-Dichloropropane	6.82	63	114134	4.985	ug/L	99
38) Bromodichloromethane	7.13	83	144890	5.075	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	156940	4.945	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	863893	50.549	ug/L	100
42) Toluene	7.99	91	428568	5.108	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	148160	4.989	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	83901	4.930	ug/L	94
47) Tetrachloroethene	8.57	164	73399	4.981	ug/L	94
48) 2-Hexanone	8.71	43	653677	52.174	ug/L	99
49) Dibromochloromethane	8.83	129	93863	5.072	ug/L	96
50) 1,2-Dibromoethane	8.94	107	78311	4.867	ug/L #	99
51) Chlorobenzene	9.47	112	262274	4.966	ug/L	99
52) Ethylbenzene	9.59	91	450257	5.106	ug/L	100
53) m,p-Xylene	9.71	106	172432	5.318	ug/L	99
54) o-Xylene	10.12	106	163685	5.255	ug/L	97
55) Styrene	10.13	104	291023	5.320	ug/L	97
56) Isopropylbenzene	10.50	105	430055	5.269	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	108407	4.764	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	83289	4.825	ug/L	98
61) Bromoform	10.31	173	51842	4.671	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	202058	5.001	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	204004	4.903	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	195147	4.817	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	20153	4.510	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	140484	4.698	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	126654	4.650	ug/L	99
69) Naphthalene	14.12	128	255794	4.402	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	122623	4.664	ug/L	99

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

