

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041165.D
 Acq On : 10 Nov 2020 01:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Nov 10 04:27:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 04:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24462	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.92	69	18641	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	46417	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	4.65	46	81083	53.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.00%
24) Chloroform-d	5.08	84	47312	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	5.72	65	29457	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.74	84	85443	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.70	67	28042	5.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.20%
41) Toluene-d8	7.91	98	79431	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
43) trans-1,3-Dichloropropene-	8.19	79	10966	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.64	63	61965	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24186	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	29623	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	24885	4.976	ug/L	99
3) Chloromethane	1.53	50	23196	4.448	ug/L	96
5) Vinyl chloride	1.61	62	24179	4.700	ug/L	97
6) Bromomethane	1.87	94	10022	3.398	ug/L	96
8) Chloroethane	1.94	64	14344	4.400	ug/L	99
9) Trichlorofluoromethane	2.15	101	37665	5.386	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	20236	4.938	ug/L	94
12) 1,1-Dichloroethene	2.59	96	17855	4.614	ug/L	98
13) Acetone	2.66	43	50026	48.280	ug/L #	59
14) Carbon disulfide	2.81	76	54359	4.204	ug/L	99
15) Methyl Acetate	2.97	43	12185	5.139	ug/L	93
16) Methylene chloride	3.06	84	21807	4.836	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	52593	5.281	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	18803	4.781	ug/L	97
19) 1,1-Dichloroethane	3.89	63	40006	5.089	ug/L	96
21) 2-Butanone	4.73	43	78775	48.643	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	21980	5.419	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	10634	5.557	ug/L	94
25) Chloroform	5.11	83	44533	5.648	ug/L	98
27) 1,2-Dichloroethane	5.81	62	31904	5.433	ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	37378	5.608	ug/L	95
30) Cyclohexane	5.40	56	30630	4.665	ug/L	98
31) Carbon tetrachloride	5.54	117	32470	5.502	ug/L	98
33) Benzene	5.79	78	85319	5.240	ug/L	100
34) Trichloroethene	6.56	95	23329	5.630	ug/L	98
35) Methylcyclohexane	6.77	83	29356	4.749	ug/L	98
37) 1,2-Dichloropropane	6.80	63	23588	5.354	ug/L	98
38) Bromodichloromethane	7.11	83	31033	5.430	ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	30948	5.102	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	186299	53.033	ug/L	99
42) Toluene	7.98	91	89845	5.442	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	29637	5.221	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	18199	5.549	ug/L	91
47) Tetrachloroethene	8.56	164	16215	5.322	ug/L	97
48) 2-Hexanone	8.69	43	140757	53.215	ug/L	99
49) Dibromochloromethane	8.82	129	21608	5.673	ug/L	100
50) 1,2-Dibromoethane	8.93	107	16505	5.281	ug/L	100
51) Chlorobenzene	9.45	112	57221	5.465	ug/L	99
52) Ethylbenzene	9.57	91	93475	5.379	ug/L	100
53) m,p-Xylene	9.70	106	34993	5.521	ug/L	93
54) o-Xylene	10.10	106	33797	5.725	ug/L	100
55) Styrene	10.11	104	60330	5.736	ug/L	99
56) Isopropylbenzene	10.48	105	92563	5.831	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	23002	5.340	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	17101	5.208	ug/L	95
61) Bromoform	10.29	173	12334	5.666	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	45922	5.632	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	47120	5.580	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	45343	5.635	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4249	5.388	ug/L	85
67) 1,3,5-Trichlorobenzene	13.21	180	32114	5.631	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	27286	5.776	ug/L	98
69) Naphthalene	14.08	128	47525	5.626	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	26188	6.015	ug/L	100

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

