

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041892.D
 Acq On : 08 Jan 2021 09:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Jan 09 01:21:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 04:58:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	148362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135057	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45602	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	47845	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	101266	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.66	46	194160	58.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.56%
24) Chloroform-d	5.08	84	114910	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.71	65	62599	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.74	84	215845	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.70	67	69722	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.00%
41) Toluene-d8	7.90	98	186251	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	8.18	79	26269	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	149005	49.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	60461	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	71844	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	61724	4.911 ug/L	100
3) Chloromethane	1.52	50	60104	4.922 ug/L	100
5) Vinyl chloride	1.61	62	70123	5.201 ug/L	99
6) Bromomethane	1.86	94	46904	5.564 ug/L	98
8) Chloroethane	1.94	64	44676	4.878 ug/L	100
9) Trichlorofluoromethane	2.15	101	102625	6.013 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56872	5.572 ug/L	97
12) 1,1-Dichloroethene	2.59	96	55161	5.481 ug/L	90
13) Acetone	2.67	43	99419	46.912 ug/L	100
14) Carbon disulfide	2.80	76	177597	5.106 ug/L	99
15) Methyl Acetate	2.97	43	25328	4.597 ug/L	91
16) Methylene chloride	3.06	84	76196	6.339 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	135380	5.041 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	55010	5.284 ug/L	96
19) 1,1-Dichloroethane	3.89	63	100637	5.172 ug/L	98
21) 2-Butanone	4.73	43	167512	48.527 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	59457	5.168 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.99	128	28834	5.456	ug/L	91
25) Chloroform	5.10	83	103357	5.275	ug/L	99
27) 1,2-Dichloroethane	5.81	62	67745	5.106	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	89932	5.798	ug/L	97
30) Cyclohexane	5.40	56	83109	4.781	ug/L	93
31) Carbon tetrachloride	5.54	117	78729	5.870	ug/L	99
33) Benzene	5.79	78	223175	5.167	ug/L	100
34) Trichloroethene	6.55	95	58110	5.354	ug/L	98
35) Methylcyclohexane	6.77	83	85028	4.846	ug/L	99
37) 1,2-Dichloropropane	6.80	63	57008	5.160	ug/L	100
38) Bromodichloromethane	7.11	83	73558	5.352	ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	76222	4.656	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	355952	45.278	ug/L	96
42) Toluene	7.97	91	233421	5.234	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	71593	4.890	ug/L	93
45) 1,1,2-Trichloroethane	8.40	97	43083	5.273	ug/L	98
47) Tetrachloroethene	8.56	164	42906	5.647	ug/L	95
48) 2-Hexanone	8.69	43	243917	42.632	ug/L #	95
49) Dibromochloromethane	8.81	129	53369	5.687	ug/L	97
50) 1,2-Dibromoethane	8.92	107	41752	5.166	ug/L #	95
51) Chlorobenzene	9.45	112	141855	5.117	ug/L	96
52) Ethylbenzene	9.57	91	227563	4.792	ug/L	97
53) m,p-Xylene	9.69	106	90498	5.110	ug/L	96
54) o-Xylene	10.10	106	87955	5.071	ug/L	94
55) Styrene	10.11	104	152181	5.079	ug/L	99
56) Isopropylbenzene	10.48	105	231183	5.007	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	54642	4.806	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	40181	4.843	ug/L	99
61) Bromoform	10.29	173	32962	5.928	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	115910	5.152	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	116569	5.154	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	113307	5.143	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9307	4.505	ug/L #	79
67) 1,3,5-Trichlorobenzene	13.21	180	82650	4.840	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	64032	4.468	ug/L	97
69) Naphthalene	14.07	128	110072	3.711	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	65046	4.762	ug/L	98

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

