

Data File : VU039835.D
Acq On : 10 Aug 2020 19:47
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00518

Quant Time: Aug 11 01:14:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 09:26:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23638	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.92	69	21737	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	44683	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	4.66	46	84321	45.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.60%
24) Chloroform-d	5.08	84	44471	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.72	65	28105	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	88465	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	27956	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.91	98	80012	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.19	79	10790	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	62081	47.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27211	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	34711	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	28456	4.503	ug/L 100
3) Chloromethane	1.53	50	27276	4.104	ug/L 98
5) Vinyl chloride	1.61	62	30735	4.823	ug/L 96
6) Bromomethane	1.86	94	9958	2.469	ug/L 92
8) Chloroethane	1.94	64	21355	4.570	ug/L 93
9) Trichlorofluoromethane	2.15	101	49379	4.983	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	26362	4.902	ug/L 95
12) 1,1-Dichloroethene	2.59	96	22936	4.906	ug/L 99
13) Acetone	2.66	43	54787	49.927	ug/L 97
14) Carbon disulfide	2.81	76	61052	4.176	ug/L 99
15) Methyl Acetate	2.97	43	12482	4.612	ug/L 95
16) Methylene chloride	3.06	84	26610	3.530	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	60514	4.875	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	24141	4.638	ug/L 94
19) 1,1-Dichloroethane	3.89	63	45380	4.723	ug/L 96
21) 2-Butanone	4.74	43	88611	51.241	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	27558	4.868	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	12839	4.828	ug/L	98
25) Chloroform	5.11	83	52497	5.082	ug/L	91
27) 1,2-Dichloroethane	5.81	62	33207	4.665	ug/L	98
29) 1,1,1-Trichloroethane	5.34	97	42121	4.925	ug/L	97
30) Cyclohexane	5.41	56	35573	4.322	ug/L	100
31) Carbon tetrachloride	5.54	117	36669	4.673	ug/L	100
33) Benzene	5.79	78	101223	4.845	ug/L	100
34) Trichloroethene	6.56	95	25570	4.713	ug/L	97
35) Methylcyclohexane	6.78	83	36589	4.225	ug/L	94
37) 1,2-Dichloropropane	6.80	63	26441	4.765	ug/L	100
38) Bromodichloromethane	7.12	83	34622	4.769	ug/L	94
39) cis-1,3-Dichloropropene	7.62	75	34805	4.599	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	208949	50.393	ug/L	100
42) Toluene	7.98	91	102991	4.691	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	30837	4.523	ug/L	92
45) 1,1,2-Trichloroethane	8.41	97	20745	4.971	ug/L	93
47) Tetrachloroethene	8.56	164	20141	4.500	ug/L	94
48) 2-Hexanone	8.69	43	155863	52.055	ug/L	99
49) Dibromochloromethane	8.82	129	24503	4.784	ug/L	99
50) 1,2-Dibromoethane	8.93	107	19932	4.870	ug/L	90
51) Chlorobenzene	9.45	112	70637	4.788	ug/L	95
52) Ethylbenzene	9.57	91	112520	4.579	ug/L	100
53) m,p-Xylene	9.70	106	43933	4.695	ug/L	97
54) o-Xylene	10.10	106	44063	4.809	ug/L	99
55) Styrene	10.11	104	74901	4.855	ug/L	99
56) Isopropylbenzene	10.48	105	112214	4.583	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	26802	4.668	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	18601	4.648	ug/L	97
61) Bromoform	10.29	173	13534	4.649	ug/L	91
62) 1,3-Dichlorobenzene	11.74	146	57977	4.598	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	60448	4.547	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	57373	4.618	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4498	4.789	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	43262	4.527	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	37027	4.623	ug/L	99
69) Naphthalene	14.08	128	67288	4.699	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	35632	4.959	ug/L	97

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

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