

Data File : VU037355.D
Acq On : 20 Mar 2020 19:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Quant Time: Mar 21 00:42:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 21 00:26:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	152613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	151458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	79180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49508	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	40173	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	95142	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.68	46	132034	54.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.96%
24) Chloroform-d	5.11	84	99629	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	58623	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	178705	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	56353	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	176810	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	26940	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.66	63	114028	57.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	50099	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	68838	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	81094	4.788	ug/L 99
3) Chloromethane	1.53	50	80236	4.698	ug/L 100
5) Vinyl chloride	1.62	62	73821	4.882	ug/L 98
6) Bromomethane	1.87	94	32686	5.389	ug/L 96
8) Chloroethane	1.95	64	41902	5.000	ug/L 98
9) Trichlorofluoromethane	2.15	101	109959	4.786	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	50085	4.703	ug/L 98
12) 1,1-Dichloroethene	2.60	96	47842	4.850	ug/L 93
13) Acetone	2.67	43	93515	55.480	ug/L 94
14) Carbon disulfide	2.82	76	165222	4.856	ug/L 99
15) Methyl Acetate	2.99	43	24279	5.457	ug/L 95
16) Methylene chloride	3.08	84	52573	4.826	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	136801	5.245	ug/L 97
18) trans-1,2-Dichloroethene	3.39	96	50995	4.865	ug/L 98
19) 1,1-Dichloroethane	3.91	63	98146	4.873	ug/L 99
21) 2-Butanone	4.76	43	156834	54.938	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	56163	4.914	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	25896	4.932	ug/L	95
25) Chloroform	5.13	83	105889	4.727	ug/L	97
27) 1,2-Dichloroethane	5.83	62	74011	4.852	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	99398	4.910	ug/L	100
30) Cyclohexane	5.42	56	86269	5.016	ug/L	99
31) Carbon tetrachloride	5.56	117	88560	5.045	ug/L	97
33) Benzene	5.81	78	214269	4.950	ug/L	100
34) Trichloroethene	6.57	95	58047	4.878	ug/L	98
35) Methylcyclohexane	6.79	83	87910	4.987	ug/L	96
37) 1,2-Dichloropropane	6.82	63	56446	4.978	ug/L	99
38) Bromodichloromethane	7.14	83	76904	4.943	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	84790	5.047	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	398437	56.039	ug/L	99
42) Toluene	8.00	91	236898	5.058	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	77970	5.078	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	42644	5.230	ug/L	98
47) Tetrachloroethene	8.58	164	46292	4.811	ug/L	97
48) 2-Hexanone	8.71	43	296639	58.553	ug/L	97
49) Dibromochloromethane	8.84	129	53231	4.990	ug/L	98
50) 1,2-Dibromoethane	8.95	107	39937	4.989	ug/L	96
51) Chlorobenzene	9.47	112	146772	4.836	ug/L	100
52) Ethylbenzene	9.59	91	259227	4.958	ug/L	98
53) m,p-Xylene	9.71	106	95991	5.032	ug/L	98
54) o-Xylene	10.12	106	94332	5.062	ug/L	98
55) Styrene	10.13	104	158264	5.096	ug/L	97
56) Isopropylbenzene	10.50	105	261474	5.086	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	54194	5.289	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	40968	5.388	ug/L	100
61) Bromoform	10.31	173	32529	4.893	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	119795	4.756	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	120971	4.752	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	115331	4.766	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	10606	5.700	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	88449	4.742	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	71599	5.240	ug/L	99
69) Naphthalene	14.12	128	107968	5.756	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	70349	5.445	ug/L	96

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

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