

Data File : VU038541.D
Acq On : 04 Jun 2020 11:15
Operator : SY/MD
Sample : L2662-16 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Quant Time: Jun 10 14:52:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	327043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	327436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	182915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73783	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.93	69	66085	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.59	63	118886	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.68	46	307321	47.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.58%
24) Chloroform-d	5.10	84	170186	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	100354	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.76	84	337606	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.72	67	106476	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.92	98	283373	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.20	79	43561	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.66	63	245646	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93458	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	134756	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

						Qvalue
5) Vinyl chloride	1.62	62	123084	4.853	ug/L	98
8) Chloroethane	1.95	64	1109	0.073	ug/L	85
13) Acetone	2.67	43	6249	1.485	ug/L	97
16) Methylene chloride	3.08	84	2246	0.099	ug/L	80
18) trans-1,2-Dichloroethene	3.39	96	4754	0.219	ug/L	88
22) cis-1,2-Dichloroethene	4.71	96	293922	12.576	ug/L	96
27) 1,2-Dichloroethane	5.83	62	4603	0.166	ug/L	97
33) Benzene	5.81	78	66269	0.726	ug/L	100
42) Toluene	8.00	91	156878	1.638	ug/L	100
52) Ethylbenzene	9.59	91	227534	2.135	ug/L	100
53) m,p-Xylene	9.71	106	94796	2.313	ug/L	99
54) o-Xylene	10.12	106	58846	1.496	ug/L	98
56) Isopropylbenzene	10.50	105	19834	0.192	ug/L	99

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

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