

Data File : VU038129.D
Acq On : 12 May 2020 17:08
Operator : JC/MD
Sample : L2570-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSP2

Quant Time: May 13 03:26:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 01:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	379703	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	361273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	183862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137442	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	128567	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.59	63	181631	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.68	46	544189	63.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.02%
24) Chloroform-d	5.10	84	241607	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	148867	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	525263	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	174900	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.92	98	469953	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	66374	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.65	63	430835	65.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.38%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147546	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	179044	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	20077	0.490 ug/L	87
13) Acetone	2.69	43	28008	5.210 ug/L	76
19) 1,1-Dichloroethane	3.91	63	65221	1.161 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	84206	2.716 ug/L	100
27) 1,2-Dichloroethane	5.83	62	32020	0.866 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	3578	0.086 ug/L	92
30) Cyclohexane	5.42	56	24822	0.508 ug/L	99
33) Benzene	5.81	78	325618	2.815 ug/L	100
34) Trichloroethene	6.57	95	13607	0.470 ug/L	94
35) Methylcyclohexane	6.79	83	6124	0.131 ug/L #	84
42) Toluene	7.99	91	30925	0.253 ug/L	95
51) Chlorobenzene	9.47	112	289070	3.814 ug/L	99
52) Ethylbenzene	9.59	91	16965	0.128 ug/L	97
53) m,p-Xylene	9.71	106	168315	3.318 ug/L	96
54) o-Xylene	10.11	106	57042	1.163 ug/L	95
56) Isopropylbenzene	10.50	105	15920	0.126 ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	10123	0.169 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Quantitation Report (QT/LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.85	146	29873	0.493	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	247208	4.295	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	7436	0.189	ug/L #	91

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

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