Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040323.D
Acq On : 26 Sep 2020 01:12
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Sep 26 06:55:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	145084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72136	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39234	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.92	69	37361	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.00%			
11) 1,1-Dichloroethene-d2	2.58	63	99685	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.66	46	202503	60.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.98%			
24) Chloroform-d	5.08	84	90555	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.72	65	55261	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.74	84	168534	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.70	67	56761	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.91	98	148895	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	8.19	79	22724	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
46) 2-Hexanone-d5	8.64	63	147835	60.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49807	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56695	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	61414	4.070	ug/L	100
3) Chloromethane	1.53	50	59647	4.129	ug/L	100
5) Vinyl chloride	1.61	62	69231	4.727	ug/L	96
6) Bromomethane	1.86	94	21857	2.920	ug/L	96
8) Chloroethane	1.94	64	44267	5.030	ug/L	98
9) Trichlorofluoromethane	2.15	101	96508	4.600	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	62232	4.576	ug/L	98
12) 1,1-Dichloroethene	2.59	96	59068	5.020	ug/L	90
13) Acetone	2.67	43	168308	54.758	ug/L	97
14) Carbon disulfide	2.81	76	158535	4.202	ug/L	100
15) Methyl Acetate	2.97	43	41972	5.441	ug/L	97
16) Methylene chloride	3.06	84	69619	4.518	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	186712	5.265	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	62520	4.940	ug/L	95
19) 1,1-Dichloroethane	3.89	63	132005	5.067	ug/L	99
21) 2-Butanone	4.74	43	297614	59.308	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	69890	5.135	ug/L	97

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ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	32001	5.367	ug/L		99
25) Chloroform	5.11	83	135026	5.061	ug/L		99
27) 1,2-Dichloroethane	5.81	62	93608	4.789	ug/L		98
29) 1,1,1-Trichloroethane	5.33	97	110432	4.848	ug/L		100
30) Cyclohexane	5.40	56	110792	5.015	ug/L		96
31) Carbon tetrachloride	5.54	117	92950	4.768	ug/L		98
33) Benzene	5.79	78	273589	5.271	ug/L		100
34) Trichloroethene	6.55	95	68862	4.946	ug/L		96
35) Methylcyclohexane	6.77	83	97877	4.591	ug/L		99
37) 1,2-Dichloropropane	6.80	63	76378	5.435	ug/L		100
38) Bromodichloromethane	7.11	83	96444	5.027	ug/L		98
39) cis-1,3-Dichloropropene	7.62	75	99880	4.819	ug/L		98
40) 4-Methyl-2-pentanone	7.80	43	676556	58.672	ug/L		99
42) Toluene	7.98	91	282757	5.290	ug/L		100
44) trans-1,3-Dichloropropene	8.21	75	95316	4.963	ug/L		97
45) 1,1,2-Trichloroethane	8.40	97	55510	5.422	ug/L		99
47) Tetrachloroethene	8.56	164	45908	5.020	ug/L		97
48) 2-Hexanone	8.69	43	497388	59.134	ug/L		99
49) Dibromochloromethane	8.81	129	63139	5.138	ug/L		96
50) 1,2-Dibromoethane	8.93	107	50936	5.160	ug/L	#	91
51) Chlorobenzene	9.45	112	179210	5.400	ug/L		99
52) Ethylbenzene	9.57	91	308598	5.081	ug/L		99
53) m,p-Xylene	9.69	106	118255	5.469	ug/L		94
54) o-Xylene	10.10	106	113530	5.510	ug/L		92
55) Styrene	10.11	104	192915	5.384	ug/L		99
56) Isopropylbenzene	10.48	105	301890	5.372	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	72209	5.500	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	55949	5.373	ug/L		99
61) Bromoform	10.29	173	34926	5.279	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	139952	5.308	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	142341	5.335	ug/L		98
65) 1,2-Dichlorobenzene	12.20	146	137617	5.394	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	12664	4.641	ug/L		93
67) 1,3,5-Trichlorobenzene	13.21	180	97261	5.246	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	84514	5.293	ug/L		98
69) Naphthalene	14.08	128	167696	5.038	ug/L		100
70) 1,2,3-Trichlorobenzene	14.32	180	80160	5.465	ug/L		98

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

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